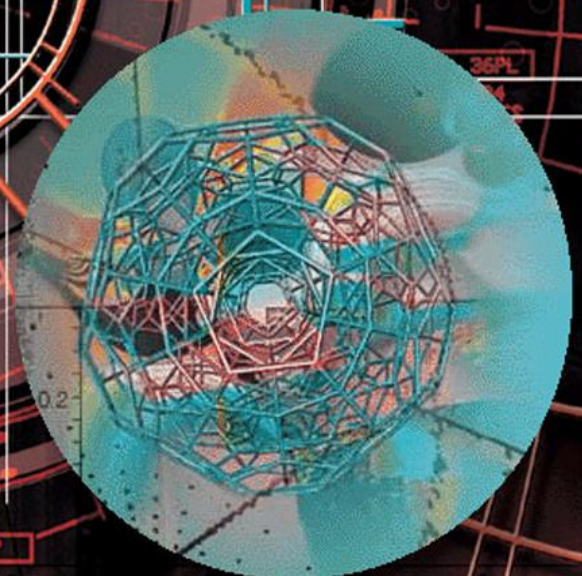


**PËRMBLEDHJE E VEPRIMTARISË
KËRKIMORE & SHKENCORE
TË FAKULTETIT TË INXHINIERISË MATEMATIKE &
INXHINIERISË FIZIKE
UNIVERSITETI POLITEKNIK I TIRANËS**

**SUMMARY OF THE SCIENTIFIC &
RESEARCH ACTIVITY
OF THE FACULTY OF MATHEMATICAL ENGINEERING
& PHYSICAL ENGINEERING
POLYTECHNIC UNIVERSITY OF TIRANA**

$$s| = n$$
$$u = f$$
$$\sum_{n=1}^{18} A_n e^{-kn^2 t}$$



**PËRMBLEDHJE E VEPRIMTARISË
KËRKIMORE & SHKENCORE
TË FAKULTETIT TË INXHINIERISË
MATEMATIKE & INXHINIERISË FIZIKE
UNIVERSITETI POLITEKNIK I TIRANËS**

**SUMMARY OF THE SCIENTIFIC &
RESEARCH ACTIVITY
OF THE FACULTY OF MATHEMATICAL
ENGINEERING & PHYSICAL ENGINEERING
POLYTECHNIC UNIVERSITY OF TIRANA**

*“Sado male që të hipni
nga majat e tyre do të sodisni maja të tjera
më të larta, një tjetër gjithësi joshëse
dhe në majën më të lartë kur të arrini
përsëri do të kuptoni se gjendeni
si në fillim poshtë gjithë yjeve”.*

*“No matter how high you climb,
from their peaks, you will gaze upon other,
higher peaks, another alluring universe,
and when you reach the highest summit,
once again, you will realize you are,
as at the start, beneath all the stars”.*

Kjo përmbledhje u hartua nën kujdesin e

<i>Prof. Dr. Kostaq Hila,</i>	<i>Dekan</i>
<i>Prof.asoc. Dhurata Kuqi,</i>	<i>Zv. Dekane</i>
<i>Prof.asoc. Teuta Myftiu,</i>	<i>Zv. Dekane</i>
<i>Prof.asoc. Alfred Daci,</i>	<i>Përgjegjës i DIM</i>
<i>Prof.asoc. Altin Gjevori,</i>	<i>Përgjegjës i DIF</i>
<i>Prof.asoc. Edlira Baraj,</i>	<i>Përgjegjëse e DIK</i>
<i>Prof. Dr. Fatmir Vrapit,</i>	<i>Përgjegjës i QGJH</i>

This summary was prepared under the supervision of

<i>Prof. Dr. Kostaq Hila,</i>	<i>Dean</i>
<i>Assoc. Prof. Dhurata Kuqi,</i>	<i>Vice Dean</i>
<i>Assoc. Prof. Teuta Myftiu,</i>	<i>Vice Dean</i>
<i>Assoc. Prof. Alfred Daci,</i>	<i>Head of the DME</i>
<i>Assoc. Prof. Altin Gjevori,</i>	<i>Head of the DPE</i>
<i>Assoc. Prof. Edlira Baraj,</i>	<i>Head of the DCE</i>
<i>Prof. Dr. Fatmir Vrapit,</i>	<i>Head of the CFL</i>

Informacioni i këtij materiali, në dy gjuhë, është bazuar në: (i) të dhënat zyrtare të Departamenteve të Inxhinierisë Matematike, Departamentit të Inxhinierisë Fizike, Departamentit të Inxhinierisë Kimike dhe Qendrës së Gjuhëve të Huaja; (ii) në të dhëna të siguruar nga vetë anëtarët e personelit akademik të Departamenteve si dhe nga burime të tjera informacioni.

Në këtë material jemi përpjekur të japim një përmbledhje të të gjithë aktivitetit kërkimor-shkencor të fakultetit në vite.

Theksojmë se në këtë përmbledhje janë përfshirë të dhëna vetëm për personelin aktual akademik që përbën aktualisht sot Fakultetin e Inxhinierisë Matematike dhe Inxhinierisë Fizike, pa marrë parasysh dhe pa përfshirë në të të dhëna mbi aktivitetin e mjaft pedagogëve të këtij Fakulteti të cilët nuk janë pjesë përbërëse e tij.

Kjo është një përpjekje modeste për të pasqyruar dhe për të nxjerrë në pah gjithë aktivitetin kërkimor-shkencor të shumëllojshëm të këtij fakulteti.

The information in this material, in two languages, is based on: (i) official data from the Departments of Mathematical Engineering, Physical Engineering, Chemical Engineering, and the Center for Foreign Languages; (ii) data provided by the academic staff members of the Departments themselves, as well as from other sources of information.

In this material, we have attempted to provide a summary of the entire research-scientific activity of the faculty over the years.

We emphasize that this summary includes data only for the current academic staff that currently makes up the Faculty of Mathematical Engineering and Physical Engineering, excluding information about the activity of several professors from this Faculty who are not part of it.

This is a modest effort to reflect and highlight the diverse research-scientific activity of this faculty.

Historiku i krijimit të Fakultetit

Fakulteti i Inxhinierisë Matematike dhe Inxhinierisë Fizike është ndër fakultetet më të rinj të Universitetit Politeknik të Tiranës. Përpjekjet për krijimin e këtij fakulteti datojnë në 4 Tetor të vitit 2004, me Urdhërin e Rektorit Prof. Dr. Përparim Hoxha, Nr. 83 Prot., për “Ngritjen e Grupit të punës për riorganizimin e Departamenteve pranë Rektoratit në përputhje me objektivat e reformimit të Universitetit sipas parimeve të Deklaratës së Bolonjës”. Në përbërje të grupit të punës u zgjodhën anëtarë të departamenteve pranë Rektoratit, përkatësisht të Departamentit të Matematikës dhe Informatikës, Departamentit të Fizikës dhe Departamentit të Kimisë. Grupi i punës, i cili u kryesua nga Prof. Dr. Shpëtim LEKA dhe ku bënin pjesë, Prof. Dr. Lumturi KAPLLANI, Prof. Dr. Tatjana MULAJ, Prof. Asoc. Engjëllushe LUZI, Prof. Dr. Shpëtim SHEHU, Prof. Dr. Lulzim HANELLI dhe Prof. Asoc. Petrit BERHAMI, bazuar në përvojën e Universiteteve Politeknike të vendeve të ndryshme të botës, veçanërisht të Universitetit Politeknik të Milanos dhe Torinos propozuan hapjen e dy diplomave të reja ndërdisiplinore, përkatësisht: *Inxhinieri Matematike*, pranë Departamentit të Matematikës dhe Informatikës dhe *Inxhinieri Fizike*, pranë Departamentit të Fizikës.

Ky propozim u miratua nga Senati i UPT-së, në Vendimin Nr. 17, datë 04.05.2005 dhe më pas nga Ministri i Arsimit dhe Shkencës, Z. Luan MEMUSHI, në shkresën me Nr. 5354 Prot., e 5355, datë 22.08.2005.

Kështu, në vitin akademik 2005-2006, filluan për herë të parë përkatësisht pranë:

- *Departamentit të Matematikës dhe Informatikës*, me 32 pedagogë të brendshëm dhe 26 të jashtëm, *Programi i Studimeve të Ciklit të Parë*, me kohëzgjatje 3-vjeçare, *Inxhinieri Matematike*, me 31 studentë;
- *Departamentit të Fizikës*, me 16 pedagogë të brendshëm dhe 32 të jashtëm, *Programi i Studimeve të Ciklit të Parë*, me kohëzgjatje 3-vjeçare, *Inxhinieri Fizike*, me 30 studentë.

Në përputhje me strategjinë e UPT-së, që përfshin mësimdhënien dhe kërkimin shkencor, sigurimin e shërbimeve si dhe plotësimin e nevojave të studentëve të UPT-së, si dhe në kuadër të implemetimit të Deklaratës së Bolonjes, krahas përgatitjeve që synonin organizime të reja bashkëkohore të kurrikulave, ishte më se e domosdoshme edhe riorganizimi i fakulteteve të vetë UPT-së.

Në vitin 2006, grupi i zgjeruar i punës, që tashmë kishte në përbërje edhe drejtuesit e fakulteteve të Inxhinierisë Mekanike, Inxhinierisë Elektrike, Inxhinierisë së Gjeologji-Minierave, Inxhinierisë së Ndërtimit, si dhe kancelaren e UPT, propozoi:

Hapjen e Fakultetit të Inxhinierisë Matematike dhe Inxhinierisë Fizike në Universitetin Politeknik të Tiranës.

me mision:

- përgatitjen në këto dy fusha të inxhinierëve cilësorë, të aftë për t'u integruar në tregun specifik të punës (të brendshëm dhe të jashtëm);

- mbulimin e ngarkesës mësimore në të gjitha disiplinat matematike dhe fizike për Universitetin Politeknik.

Ky propozim u miratua nga Senati i UPT-së, me Vendimin Nr. 6, datë 03.03.2006.

Në Vendimin e Këshillit të Ministrave Nr. 824, datë 05.12.2007, “Për Krijimin e disa njësive kryesore, fakultete në Universitetin Politeknik të Tiranës”, miratohet krijimi i *Fakultetit të Formimit të Përgjithshëm*, si fakultet i asociuar, në përbërje të të cilit përfshihen:

Departamenti i Fizikës dhe Kimisë; Departamenti i Matematikës, si dhe Qendra e Gjuhëve të Huaja,

duke konsideruar diplomat e Inxhinierisë Matematike dhe Inxhinierisë Fizike si diploma ndërdisiplinore.

Dekane e parë e këtij Fakulteti emërohet Prof. Dr. Tatjana MULAJ.

Por emërtimi, *Fakultet i Formimit të Përgjithshëm*, dhe statusi i dhënë këtij fakulteti nuk përputheshim me vizionin e grupit të punës dhe misionin për të cilin u propozua krijimi i *Fakultetit të Inxhinierisë Matematike dhe Inxhinierisë Fizike*.

Dekanati, Këshilli dhe stafi akademik i Fakultetit, të mbështetur nga studentët, si dhe nga Rektorati i UPT-së, gjatë periudhës janar 2008 – prill 2009, me shkresa zyrtare si dhe takime të vazhdueshme edhe në instancat më të larta shtetërore, duke argumentuar se FFP, si fakultet i asociuar, e kishte të pamundur të realizonte misionin e përgatitjes të inxhinierëve cilësorë në fushat e inxhinierisë matematike dhe inxhinierisë fizike, të aftë për t’u integruar në tregun specifik të punës (të brendshëm dhe të jashtëm), ka kërkuar:

Të ndryshojë statusi dhe emërtimi i Fakultetit të Formimit të Përgjithshëm.

Përpyekjet këmbëngulëse, të vazhdueshme, të drejta dhe argumentuese të Dekanatit, Këshillit dhe stafit akademik të Fakultetit, u kurorëzuan me daljen e Vendimit të Këshillit të Ministrave Nr. 345, datë 08.04.2009 ku miratohet **Krijimi i Fakultetit të Inxhinierisë Matematike dhe Inxhinierisë Fizike**, që ka në përbërje:

- Departamentin e Inxhinierisë Matematike;*
- Departamentin e Inxhinierisë Fizike;*
- Departamentin e Kimisë;*
- Qendrën e Gjuhëve të Huaja*

me dy diploma në *Inxhinieri Matematike dhe Inxhinieri Fizike*.

Dekan i Fakultetit të Inxhinierisë Matematike dhe Inxhinierisë Fizike zgjidhet Prof. Dr. Shpëtim LEKA.

Pesoneli akademik i FIMIF, duke u bazuar në përvojën e Universiteteve Politeknike të vendeve të tjera, veçanërisht të Universitetit Politeknik të Milanos e

Torinos, si dhe në përvojën dhe kualifikimin e anëtarëve të stafit akademik, është anagazhuar gjatë viteve në vijim për plotësimin e misionit të këtij fakulteti për përgatitjen e inxhinierëve cilësorë në të dy fushat e saj të Inxhinierisë Matematike dhe Inxhinierisë Fizike, të aftë për t'u integruar në tregun specifik të punës.

Për realizimin e këtij misioni ishte i domosdoshëm thellimi i njohurive të fituara në ciklin e parë, nëpërmjet programeve të studimit të Ciklit të Dytë Master i Shkencave dhe të Ciklit të Tretë Doktoraturë. Këto programe synonin përgatitjen e inxhinierëve cilësorë me formim ndërdisiplinor, të aftë për t'u përballur me probleme që përdorin metodologji dhe mjete të ofruara nga sektorë të ndryshëm të Matematikës së Aplikuar si dhe të gatshëm për të përballuar futjen e teknologjive të reja dhe komplekse, duke shfrytëzuar në mënyrë inxhinierike metodologjitë që ofrojnë sektorët e ndryshëm të Fizikës së Zbatuar.

Kështu, bazuar në VKM-në, Nr. 910, datë 26.08.2009, "Për hapjen e programeve të Studimit të Ciklit të Dytë, në Universitetin Politeknik të Tiranës", nisi në vitin akademik 2009-2010 rugëtimi i programeve të Studimit të Ciklit të Dytë:

- Master i Shkencave në Inxhinieri Matematike, me 21 studentë
- Master i Shkencave në Inxhinieri Fizike, me 18 studentë.

Në zbatim të Urdhërit, të Ministrit të Arsimit dhe Shkencës, Z. Myqerem Tafaj, Nr. 605, datë 29.12.2010, filluan në vitin akademik 2010-2011, Programet e Studimit të Ciklit të Tretë, të hartuara sipas Ligjit Nr.9741, datë 21.5.2007 "Për Arsimin e Lartë në Republikën e Shqipërisë, i ndryshuar":

- Doktoraturë në Inxhinieri Matematike (në dy drejtime; Analizë Numerike dhe Ekuacione diferenciale / Kërkime Operacionale dhe Statistikë), me 17 studentë.
- Doktoraturë Inxhinieri Fizike (në dy drejtime; Optikë e zbatuar / Fizika e Materialeve), me 11 studentë.

Studimet e Ciklit të tretë synonin përgatitjen e mëtejshme nga ana shkencore në fushën e Analizës numerike dhe Ekuacioneve Diferenciale, të Kërkimeve Operacionale dhe Statistikë, si dhe në fushën e Optikës së Zbatuar dhe të Fizikës së Materialeve.

Duke patur parasysh nevojat e reja të tregut të punës si dhe mungesën e profesionistëve, të aftë të përballen me koncepte bashkëkohore, si dhe me zgjidhjen e problemeve që lidhen, ndër të tjera, me menaxhimin e sistemeve komplekse; trajtimet klinike dhe kontrollin e cilësisë së pajisjeve mjekësore; analizën e pasojave financiare të riskut, nëpërmjet matematikës, statistikës dhe teorive financiare, u hartuan programet e Studimit të Ciklit të Dytë Master Profesional në:

- Inxhinieri Matematike në Analiza Sistemesh
- Inxhinieri Fizike në Mjekësi
- Inxhinieri Matematike Profili Aktuaristikë

Bazuar në Urdhërin e Ministrit të Arsimit dhe Shkencës, Z. Myqerem Tafaj, Nr. 597, datë 09.12.2011, “Për hapjen e programeve të Studimit të Ciklit të Dytë Master Profesional, të Universitetit Politeknik të Tiranës”, në vitin akademik 2012-2013, filluan Programet e Studimit të Ciklit të Dytë, të hartuara sipas Ligjit Nr. 9741, datë 21.5.2007 “Për Arsimin e Lartë në Republikën e Shqipërisë, i ndryshuar”:

- *Master Profesional në Inxhinieri Matematike në Analiza Sistemesh* me 14 studentë.
- *Master Profesional në Inxhinieri Fizike në Mjekësi* me 12 studentë.

ndërsa në vitin akademik 2015-2016, në zbatim të Urdhërit të Ministrit të Arsimit dhe Sportit, Znj. Lindita Nikolla, Nr. 274, datë 20.07.2015, “Për hapjen e programit të Studimit të Ciklit të Dytë Master Profesional në Inxhinieri Matematike me Profil Aktuaristikë, në Universitetin Politeknik të Tiranës”, filloi Programi i Studimit të Ciklit të Dytë,

- *Master Profesional në Inxhinieri Matematike, Profili Aktuaristikë* me 28 studentë.

Bazuar në Urdhërin e Ministrit të Arsimit dhe Shkencës, Znj. Evis Kushi, Nr. 334, datë 04.07.2023, “Për hapjen e programeve të Studimit të Ciklit të Parë “Bachelor” Në Inxhinieri Kimike”, në Universitetin Politeknik të Tiranës”, në vitin akademik 2023-2024, filloi Programi i Studimit të Ciklit të Parë, i hartuar sipas Ligjit Nr. 80/2015, datë 22.07.2015 “Për Arsimin e Lartë dhe kërkimin shkencor në institucionet e arsimit të lartë në Republikën e Shqipërisë”:

- “*Bachelor*” në Inxhinieri Kimike.

Gjatë këtyre viteve personeli akademik ka punuar me përkushtim për transmetimin tek studentët të një informacioni sa më cilësor e bashkëkohor në të gjitha disiplinat mësimore e lëndët me karakter të theksuar praktik, duke realizuar ciklin *informacion-njohuri-dije-aftësi*.

Krahas mësimdhënies, një prej dimensioneve të rëndësishme në FIMIF është kërkimi shkencor në përputhje me filozofinë dhe misionin e UPT-së, në përputhje me interesat e universitetit, të personelit akademik dhe të studentëve. Synimi kryesor i veprimtarisë kërkimore shkencore ka qenë dhe mbetet përmirësimi i vazhdueshëm i përmbajtjes së procesit mësimor, si edhe ngritjes së vazhdueshme të standardeve akademike në FIMIF. Mbështetur në objektivat dhe qëllimet e veprimtarisë kërkimore shkencore, si dhe në parimin e lirisë së ushtrimit të veprimtarisë shkencore dhe mësimdhënies akademike, personeli akademik i FIMIF ka realizuar një punë hulumtuese sistematike për kërkimin dhe zhvillimin e njohurive të reja, shfrytëzimin dhe zbatimin e tyre në praktikë. Gjithashtu vëmendje i është kushtuar edhe transferimit të dijeve nëpërmjet publikimit të rezultateve në revista shkencore dhe pjesëmarrjes në konferenca kombëtar dhe ndërkombëtare. Publikimi i rezultateve të punës kërkimore në revistave shkencore dhe pjesëmarrjes në konferenca kombëtare dhe ndërkombëtare, të vlerësuara nga personeli akademik si nxitje e debatit shkencor jo vetëm mes komunitetit akademik të fakultetit, por edhe dhe atij shqiptar e të huaj, është shoqëruar me një numër të

konsiderueshëm prezantimesh dhe botimesh cilësore, duke ndikuar në kualifikimin e vazhdueshëm shkencor të personelit akademik.

Veprimtaria mësimore dhe kërkimore në fakultet është realizuar si nëpërmjet bashkëpunimit me Institucionet e Arsimit të Lartë brenda dhe jashtë vendit, me institucionet e tjera shtetërore, organizata profesionale dhe komunitetin e biznesit, ashtu edhe nëpërmjet projekteve kombëtare dhe ndërkombëtare

Sot personeli akademik i fakultetit përbëhet nga **45 anëtarë** që i përkasin kategorisë **Profesorë** (me tituj akademik *Profesor, Profesor i Asociuar*), **18 anëtarë** të kategorisë **Lektor** (me gradë shkencor *Doktor*), **7 anëtarë** të kategorisë **Asistent - Lektor** (me diplomë *Master i Shkencave*).

Gjatë këtyre 17 viteve funksionim të fakultetit, përveç personelit akademik aktual, kanë dhënë kontributin e tyre të çmuar edhe mjaft profesorë të njohur si psh.: Prof. Dr. Shpëtim Leka, Prof. Dr. Jorgo Malita, Prof. Dr. Avdyl Haxhimusai, Prof. Dr. Vladimir Jorgji, Prof. Dr. Viktor Kabili, Prof. Dr. Kristaq Filipi, Prof. Dr. Shpëtim Bozdo, Prof. Dr. Margarita Qirko, Prof. Dr. Shpëtim Shehu, Prof. Asoc. Luigj Gjoka, Prof. Asoc. Ligor Nikolla, Prof. Dr. Agron Tato, Prof. Dr. Tatiana Mulaj, Prof. Dr. Pëllumb Berberi, Prof. Dr. Afërdita Veveçka, Prof. Asoc. Ilir Vullkaj, Prof. Asoc. Petrit Berhami, Prof. Asoc. Elenica Angjeli, Prof. Asoc. Engjëllushe Luzi, Prof. Asoc. Edlira Mulla, Dr. Edmond Frashëri, Prof. Vasil Zejno, Koço Zhuka, Vladimir Suljoti, Dr. Syti Hysko, Prof. Dr. Elton Pasku.

FIMIF gjatë këtyre viteve është drejtuar nga Dekani i Fakultetit, i mbështetur nga zëvendës dekanët si dhe drejtuesit e departamenteve:

▪ **Dekani Fakultetit**

Prof. Dr. Tatjana MULAJ	2007 - 2009
Prof. Dr. Shpëtim LEKA	2009 - 2014
Prof. Asoc. Ligor NIKOLLA	2014 – 2020
Prof. Dr. Shkëlqim KUKA	2020-2024
Prof. Dr. Kostaq HILA	2024-në vazhdim

▪ **Zëvendës Dekan i Fakultetit**

Prof. Asoc. Ligor NIKOLLA	2007 – 2009
Prof. Dr. Tatjana MULAJ	2009 – 2014
Prof. Asoc. Dhurata KUQI	2014 në vazhdim
Prof. Asoc. Valbona LAME (MUDA)	2020-2024
Prof. Asoc. Teuta MYFTIU (BUDLLA)	2024- në vazhdim

▪ **Drejtues i Departamentit të Matematikës/Inxhinierisë Matematike:**

Prof. Dr. Shpëtim LEKA	2008 – 2009
Prof. Asoc. Ligor NIKOLLA	2009 – 2014

Dr. Adrian NAÇO	2014 - 2016
Prof. Dr. Shkëlqim KUKA	2016 – 2020
Prof. Dr. Luela PRIFTI	2020-2024
Prof. Asoc. Alfred DACI	2024-në vazhdim
▪ <i>Drejtues i Departamentit të Fizikës dhe Kimisë</i>	
Prof. Dr. Pëllumb BERBERI	2008 - 2009
Prof. Asoc. Petrit BERHAMI	2009
▪ <i>Drejtues i Departamentit të Inxhinierisë Fizike</i>	
Prof. Asoc. Petrit BERHAMI	2009
Prof. Asoc. Dhurata KUQI	2009 – 2013
Prof. Dr. Partizan MALKAJ	2013 – 2020
Prof. Asoc. Altin GJEVORI	2020 në vazhdim
▪ <i>Drejtues i Departamentit të Kimisë/ Inxhinierisë Kimike</i>	
Prof. Asoc. Rajmonda LILO	2009 - 2020
Prof. Asoc. Edlira BARAJ	2020 në vazhdim
▪ <i>Drejtues i Qendrës së Gjuhëve të Huaja</i>	
Prof. Dr. Fatmir VRAPI	2008 në vazhdim

History of the Faculty's Establishment

The Faculty of Mathematical Engineering and Physical Engineering is one of the most recent faculties in the academic structure of the Polytechnic University of Tirana (PUT). The efforts to establish this faculty were initiated on October 4, 2004, when Rector Prof. Dr. Përparim Hoxha issued Order No. 83 Prot., titled “*Formation of the Working Group for the Reorganization of Departments at the Rectorate in Line with the University's Reform Objectives Following the Principles of the Bologna Declaration.*” The working group consisted of members from the Departments of Mathematics and Informatics, Physics, and Chemistry. Led by Prof. Dr. Shpëtim Leka, the team comprised Prof. Dr. Lumturi Kapllani, Prof. Dr. Tatjana Mulaj, Assoc. Prof. Engjëllushe Luzi, Prof. Dr. Shpëtim Shehu, Prof. Dr. Lulzim Hanelli, and Assoc. Prof. Petrit Berhami. Drawing from the experiences of polytechnic universities worldwide, especially those in Milan and Turin, the group proposed the creation of two interdisciplinary degree programmes:

- **Mathematical Engineering** under the Department of Mathematics and Informatics
- **Physical Engineering** under the Department of Physics.

This proposal was approved by the PUT Senate through Decision No. 17 on May 4, 2005, and was subsequently validated by the Minister of Education and Science, Mr. Luan Memushi, through Document No. 5354 Prot., and 5355, dated August 22, 2005.

Thus, the following programmes were launched in the 2005–2006 academic year:

- **Mathematical Engineering:** A three-year undergraduate programme with 31 students and 32 internal and 26 external lecturers at the Department of Mathematics and Informatics.
- **Physical Engineering:** A three-year undergraduate programme with 30 students and 16 internal and 32 external lecturers at the Department of Physics.

In line with the strategy of PUT, which includes teaching, scientific research, providing services, and meeting the needs of PUT students, as well as within the framework of implementing the Bologna Declaration, alongside preparations aimed at organizing new contemporary curricula, the reorganization of the faculties of PUT itself was also essential.

The year 2006 saw the formation of an expanded working group that included the leadership from the faculties of Mechanical Engineering, Electrical Engineering, Geology-Mining Engineering, Civil Engineering, as well as the Chancellor of PUT. This group advocated for the establishment of the **Faculty of Mathematical Engineering and Physical Engineering** at PUT.

Mission:

1. To prepare highly skilled engineers in these two fields capable of integrating into the specific job market (national and international).

2. To support the academic workload in mathematics and physics disciplines across PUT.

The PUT Senate approved this proposal through Decision No. 6 on March 3, 2006.

Subsequently, the Council of Ministers issued Decision No. 824 on December 5, 2007, which authorized the creation of the **Faculty of General Education** as an associate faculty.

This new faculty incorporated:

- The Department of Physics and Chemistry,
- The Department of Mathematics,
- The Center of Foreign Languages, while recognizing the Mathematical and Physical Engineering degrees as interdisciplinary.

Prof. Dr. Tatjana Mulaj was appointed the first Dean of this faculty.

However, the name **Faculty of General Education** and its status as an associate faculty did not align with the vision and mission for which the Faculty of Mathematical and Physical Engineering was proposed. During 2008–2009

academic year, the Dean's Office, Council, and academic staff, supported by the student body and the PUT Rectorate, petitioned for the change in both the status and name, arguing that the Faculty of General Education could not fulfill its mission.

Following persistent efforts, the Council of Ministers issued Decision No. 345 dated on April 8, 2009, which approved the establishment of the **Faculty of Mathematical and Physical Engineering**.

This faculty includes:

1. The Department of Mathematical Engineering,
2. The Department of Physical Engineering,
3. The Department of Chemistry,
4. The Center of Foreign Languages.

The faculty offers two degree programmes: Mathematical Engineering and Physical Engineering.

Prof. Dr. Shpëtim Leka was elected as the first Dean of the faculty.

The Faculty of Mathematical Engineering and Physical Engineering (FMEPE) has a dedicated academic staff that has been influenced by the practices of Polytechnic Universities abroad, particularly the Polytechnic University of Milan and the Polytechnic University of Turin.

This faculty has harnessed the expertise and qualifications of its members to pursue its core mission: to prepare highly competent and skilled engineers in Mathematical Engineering and Physical Engineering, capable of integrating into their respective labor markets.

To achieve this mission, it was crucial to deepen the knowledge acquired during the first cycle of studies through the Second Cycle Master of Science programmes and Third Cycle Doctoral programmes. These programmes are designed to prepare high-quality engineers with interdisciplinary training, capable of tackling problems using methodologies and tools provided by various sectors of Applied Mathematics, and ready to address the introduction of new and complex technologies by leveraging the methodologies offered by various sectors of Applied Physics in an engineering context.

Thus, based on Decision of the Council of Ministers (DCM) No. 910, dated August 26, 2009, "*On the opening of Second Cycle Study Programmes at the Polytechnic University of Tirana*", the journey of the Second Cycle Study Programmes began in the 2009-2010 academic year featuring two master's programmes:

- **Master of Science in Mathematical Engineering**, with 21 students.
- **Master of Science in Physical Engineering**, with 18 students.

In accordance with the Order of the Minister of Education and Science, Mr. Myqerem Tafaj, No. 605, dated December 29, 2010, the Third Cycle Study Programmes, developed in compliance with Law No. 9741, dated May 21, 2007, "*On Higher Education in the Republic of Albania, as amended*", commenced in the 2010-2011 academic year:

- **Doctorate in Mathematical Engineering** (in two specializations: Numerical Analysis and Differential Equations / Operational Research and Statistics), with 17 students.
- **Doctorate in Physical Engineering** (in two specializations: Applied Optics / Material Physics), with 11 students.

The Third Cycle studies were designed to enhance scientific expertise in the fields of Numerical Analysis, Differential Equations, Operational Research, and Statistics, as well as in the sectors of Applied Optics and Material Physics.

In light of the evolving demands of the labor market and the existing shortage of professionals capable of addressing contemporary concepts and solving problems related to, among other things, the management of complex systems; clinical treatments and quality control of medical equipment; and analyzing the financial implications of risk through mathematics, statistics, and financial theories, new Second Cycle Professional Master programmes were designed in:

- **Mathematical Engineering in Systems Analysis**
- **Physical Engineering in Medicine**
- **Mathematical Engineering with an Actuarial Profile**

In accordance with the Order issued by the Minister of Education and Science, Mr. Myqerem Tafaj, No. 597, dated December 9, 2011, "*On the opening of Second Cycle Professional Master programmes at the Polytechnic University of Tirana*", the Second Cycle Study Programmes commenced in the 2012-2013 academic year. These programmes were designed in alignment with Law No. 9741, dated May 21, 2007, "*On Higher Education in the Republic of Albania, as amended*".

The programmes included:

- **Professional Master in Mathematical Engineering in Systems Analysis**, with 14 students.
- **Professional Master in Physical Engineering in Medicine**, with 12 students.

Subsequently, in the 2015-2016 academic year, following the Order of the Minister of Education and Sports, Mrs. Lindita Nikolla, No. 274, dated July 20, 2015, "*On the opening of the Second Cycle Professional Master programme in Mathematical Engineering with an Actuarial Profile at the Polytechnic University of Tirana*", the following programme was launched:

- **Professional Master in Mathematical Engineering with an Actuarial Profile**, with 28 students.

Additionally, based on the Order issued by the Minister of Education and Science, Mrs. Evis Kushi, No. 334, dated July 4, 2023, "*On the opening of First Cycle 'Bachelor' Study Programmes in Chemical Engineering at the Polytechnic University of Tirana*", another programme was approved and began in the 2023-2024 academic year, which was developed in compliance with Law No. 80/2015, dated July 22, 2015, "*On Higher Education and Scientific Research in Higher Education Institutions in the Republic of Albania*". The programme launched was:

- **Bachelor in Chemical Engineering**

Throughout these years, the academic staff has demonstrated a commitment to equipping students with high-quality, contemporary knowledge across various academic disciplines and practice-oriented subjects, thereby successfully completing the cycle of information-knowledge-competence-skills.

In addition to teaching, one of the key dimensions at FMEPE is scientific research, aligned with the philosophy and mission of PUT, as well as the interests of the university, academic staff, and students. The primary objective of scientific research activities has always been and remains the continuous improvement of the content of the educational process, and the ongoing elevation of academic standards at FMEPE.

Based on the objectives and goals of scientific research activities, and adhering to the principle of freedom in conducting scientific research and academic teaching, the academic staff at FMEPE has carried out systematic investigative work to explore and develop new knowledge, apply it in practice, and implement it effectively. Furthermore, significant attention has been devoted to knowledge transfer through publishing research results in scientific journals and participating in national and international conferences.

Publishing research results in scientific journals and participating in national and international conferences, valued by the academic staff as a means to foster scientific debate not only within the faculty's academic community but also with Albanian and international communities, has resulted in a significant number of high-quality presentations and publications. This has contributed to the continuous scientific qualification of the academic staff.

The faculty's teaching and research activity has been conducted in collaboration with Higher Education Institutions both within the country and abroad, as well as with governmental bodies, professional organizations, and the business sector, in addition to participating in various national and international projects.

Currently, the academic staff of the faculty consists of 45 members in the Professor category (who hold the academic titles of Professor or Associate Professor), 18 members in the Lecturer category (who hold a Doctorate degree), and 7 members in the Assistant Lecturer category (who hold a M.Sc. degree).

During these 17 years of the faculty's operation, in addition to the current academic staff, many renowned professors have also contributed their valuable expertise, such as: Prof. Dr. Shpëtim Leka, Prof. Dr. Jorgo Malita, Prof. Dr. Avdyl Haxhimusai, Prof. Dr. Vladimir Jorgji, Prof. Dr. Viktor Kabili, Prof. Dr. Kristaq Filipi, Prof. Dr. Shpëtim Bozdo, Prof. Dr. Margarita Qirko, Prof. Dr. Shpëtim Shehu, Assoc. Prof. Luigj Gjoka, Assoc. Prof. Ligor Nikolla, Prof. Dr. Agron Tato, Prof. Dr. Tatiana Mulaj, Prof. Dr. Pëllumb Berberi, Prof. Dr. Afërdita Veveçka, Assoc. Prof. Ilir Vullkaj, Assoc. Prof. Petrit Berhami, Assoc. Prof. Elenica Angjeli, Assoc. Prof. Engjëllushe Luzi, Assoc. Prof. Edlira Mulla, Dr. Edmond Frashëri, Prof. Vasil Zejno, Koço Zhuka, Vladimir Suljoti, Dr. Syti Hysko, Prof. Dr. Elton Pasku.

During these years, FMEPE has been led by the Dean of the Faculty, supported by the vice deans and the heads of the departments.

- **Dean of the Faculty**

Prof. Dr. Tatjana MULAJ	2007 - 2009
Prof. Dr. Shpëtim LEKA	2009 - 2014
Assoc. Prof. Ligor NIKOLLA	2014 – 2020
Prof. Dr. Shkëlqim KUKA	2020-2024
Prof. Dr. Kostaq HILA	2024-onwards

- **Vice Deans of the Faculty**

Assoc. Prof. Ligor NIKOLLA	2007 – 2009
Prof. Dr. Tatjana MULAJ	2009 – 2014
Assoc. Prof. Dhurata KUQI	2014 - onwards
Assoc. Prof. Valbona LAME (MUDA)	2020-2024
Assoc. Prof. Teuta MYFTIU (BUDLLA)	2024- onwards

- **Head of The Department of Mathematics/Mathematical Engineering**

Prof. Dr. Shpëtim LEKA	2008 – 2009
Assoc. Prof. Ligor NIKOLLA	2009 – 2014
Dr. Adrian NAÇO	2014 - 2016
Prof. Dr. Shkëlqim KUKA	2016 – 2020
Prof. Dr. Lueta PRIFTI	2020-2024
Assoc. Prof. Alfred DACI	2024- onwards

- **Head of The Department of Physics and Chemistry**

Prof. Dr. Pëllumb BERBERI	2008 - 2009
Assoc. Prof. Petrit BERHAMI	2009

- **Head of The Department of Physical Engineering**

Assoc. Prof. Petrit BERHAMI	2009
Assoc. Prof. Dhurata KUQI	2009 – 2013
Prof. Dr. Partizan MALKAJ	2013 – 2020
Assoc. Prof. Altin GJEVORI	2020 - onwards

- **Head of The Department of Chemistry/Chemical Engineering**

Assoc. Prof. Rajmonda LILO	2009 - 2020
Assoc. Prof. Edlira BARAJ	2020 - onwards

- **Head of Center of Foreign Languages**

Prof. Dr. Fatmir VRAPI	2008 - onwards
------------------------	----------------

**KONFERENCA TË ORGANIZUARA NGA FIMIF/
CONFERENCES ORGANISED BY FMEPE**

1. NATIONAL CONFERENCE "ADVANCED STUDIES IN MATHEMATICAL PHYSICAL AND CHEMICAL ENGINEERING", 28 October 2011. PUT. Tirana, Albania.
2. THE 1ST INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, NEW TECHNOLOGIES AND APPLICATIONS IN MEDICINE (NTAM)", 7-8 November 2014, Tirana, Albania.
3. THE 2ND INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November 2017, Tirana, Albania.
4. THE 3RD INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES (ICEAS 2022), 17-18 November 2022, Tirana, Albania.
5. WESTERN BALKAN CONFERENCE IN MATHEMATICS AND APPLICATIONS, (WBCMA2024), 6-7 September 2024, Tirana, Albania

DEPARTMENT OF MATHEMATICAL ENGINEERING

The Department of Mathematical Engineering currently consists of 30 academic staff members:

Prof. Dr. Akli Fundo	Assoc. Prof. Saimir Tola
Prof. Dr. Kostaq Hila	Assoc. Prof. Sandër Kovaçi
Prof. Dr. Luela Prifti	Assoc. Prof. Teuta Myftiu
Prof. Dr. Shkëlqim Kuka	Dr. Adrian Naço
Assoc. Prof. Alfred Daci	Dr. Agron Gjana
Assoc. Prof. Anita Çaushti	Dr. Albina Basholli
Assoc. Prof. Artion Kashuri	Dr. Anila Peposhi
Assoc. Prof. Brikena Xhaja	Dr. Elda Maraj
Assoc. Prof. Denisa Salillari	Dr. Erjola Cenaj
Assoc. Prof. Endri Raço	Dr. Ervelina Musta
Assoc. Prof. Etleva Llagami	Dr. Zhifka Muka
Assoc. Prof. Evgjëni Xhafaj	M.Sc. Armida Brakaj
Assoc. Prof. Kleida Haxhi	M.Sc. Fizeleni Lekli
Assoc. Prof. Oriana Zaçaj	M.Sc. Roberto Datja
Assoc. Prof. Raimonda Dervishi	

Departamenti i Inxhinierisë Matematike në Universitetin Politeknik të Tiranës synon të ofrojë një edukim të thelluar dhe cilësor në fushën e matematikës dhe aplikimeve të saj në inxhinieri. Objektivat kryesore të departamentit përfshijnë:

1. **Formimin e specialistëve të kualifikuar:** Ofrimi i një programi akademik që zhvillon aftësitë analitike dhe teknike të studentëve, për t'i përgatitur ata për sfida profesionale në fusha të ndryshme inxhinierike.
2. **Zhvillimi i kërkimit shkencor:** Nxitja e kërkimit dhe zhvillimit të aplikimeve të avancuara të matematikës, duke kontribuar në përparimin e njohurive dhe teknologjive të reja.
3. **Përgatitja për punë në industri dhe akademi:** Sigurimi i aftësive të nevojshme që studentët të mund të kontribuojnë në sektorët ekonomikë dhe industrialë, si dhe të zhvillojnë karrierë akademike dhe kërkimore.
4. **Rritja e bashkëpunimit ndërkombëtar:** Inkurajimi i partneriteteve me institucione të tjera akademike dhe kërkimore për shkëmbim njohurish dhe përvojash.

Në përgjithësi, Departamenti i Inxhinierisë Matematike synon të ofrojë një edukim dhe trajnim të qëndrueshëm, i cili do t'u mundësojë studentëve të aplikojnë teknikat matematike në zgjidhjen e problemeve komplekse të inxhinierisë, si dhe synon të kontribuojë në zgjerimin e fushave të ekspertizës së UPT-së.

Veprimtaria e Departamentit të Inxhinierisë Matematike në Universitetin Politeknik të Tiranës (UPT) është e përqendruar kryesisht në: **Mësimdhënie** (Algjebër dhe analizë matematike, Matematika e Aplikuar, Statistikë dhe Probabilitet, Analizë Numerike dhe Algoritme, Modele Matematike në Inxhinieri etj); **Kërkim Shkencor** (Zhvillimi i kërkimeve të avancuara në fushat e: Matematikës së Aplikuar, Optimizimit dhe Kërkimit Operacional, Simulimeve numerike dhe modelimit matematik, Analizës së të dhënave dhe aplikimeve të statistikës, Bashkëpunime ndërkombëtare për projekte kërkimore në STEM (Shkencë, Teknologji, Inxhinieri dhe Matematikë)); **Shërbime dhe Konsulencë** (Ofrimi i konsulencës për institucionet publike dhe private në fusha që kërkojnë zgjidhje matematike dhe statistikore);

Përmbledhje e Veprimtarisë Kërkimore-Shkencore

©2025 Fakulteti i Inxhinierisë Matematike & Inxhinierisë Fizike-Universiteti Politeknik i Tiranës

Përgatitja e Kuadrove të Rinj (Mbështetja e studentëve dhe doktorantëve në realizimin e kërkimeve të specializuara në matematikën inxhinierike).

Profilat kërkimore kryesore të DIM në të cilat është orientuar puna e thelluar kërkimore dhe ofrimi i studimeve të ciklit të tretë janë:

1. Modelime inxhinierike, analizë matematike dhe numerike në ekuacionet diferenciale.
2. Metoda të matematikës llogaritëse (kompjucionale) dhe njehsime variacionale.
3. Metodatat Statistikore dhe kërkime operacionale.
4. Analizë hapësinore etj.

Ky departament mbulon gjithë disiplinat matematike që zhvillohen në të gjitha programet e studimit të Universitetit Politeknik të Tiranës.

The Department of Mathematical Engineering at the Polytechnic University of Tirana aims to provide comprehensive and high-quality education in mathematics and its applications in engineering. The department's main objectives include:

1. **Training Qualified Specialists:** Offering an academic programme that develops students' analytical and technical skills, preparing them to tackle professional challenges in various engineering fields.
2. **Advancing Scientific Research:** Promoting research and the development of advanced mathematical applications, contributing to the advancement of knowledge and new technologies.
3. **Preparing Students for Industry and Academia:** Equipping students with the necessary skills to contribute to economic and industrial sectors, as well as to pursue academic and research careers.
4. **Enhancing International Collaboration:** Encouraging partnerships with other academic and research institutions to foster knowledge and experience exchange.

In general, the Department of Mathematical Engineering aims to provide sustainable education and training, enabling students to apply mathematical techniques in solving complex engineering problems. Additionally, the department strives to contribute to the expansion of the areas of expertise at the Polytechnic University of Tirana (PUT).

The activities of the Department of Mathematical Engineering at the Polytechnic University of Tirana (PUT) are primarily focused on: **Teaching** (Algebra and Mathematical Analysis, Applied Mathematics, Statistics and Probability, Numerical Analysis and Algorithms, Mathematical Models in Engineering); **Scientific Research** (Applied Mathematics, Optimization and Operational Research, Numerical Simulations and Mathematical Modeling, Data Analysis and Statistical Applications, International collaborations on STEM research projects); **Consulting and Services** (Providing consulting services to public and private institutions in areas requiring mathematical and statistical solutions); **Training Future Experts** (Supporting students and Ph.D. candidates in conducting specialized research in mathematical engineering).

The main research profiles of the Department of Mathematical Engineering (DIM), which guide its advanced research work and third-cycle study programmes, include:

1. Engineering Modeling, Mathematical and Numerical Analysis in Differential Equations
2. Computational Mathematics Methods and Variational Calculations
3. Statistical Methods and Operational Research
4. Spatial Analysis

The department covers all mathematical disciplines taught across the study programmes 640 at the Polytechnic University of Tirana.

646. Z. Ali, M. Waqas, **K. Hila**, *Multi-Attributive Border Approximation Area Comparison Model Based on Yager Weighted Aggregation Operators for Circular Pythagorean Fuzzy Information and Their Application in Shortest Path Problems*, JOURNAL OF SUPERCOMPUTING, In Press
645. **K. Hila**, T. Vougiouklis, *Weak hyperstructures in Lie-Santilli admissible*, JOURNAL OF ALGEBRAIC HYPERSTRUCTURES AND LOGICAL ALGEBRAS, In Press.
644. T.R. Mir, M.Y. Abbasi, **K. Hila**, Sh. Ali, *An innovative unique factorization approach of fuzzy fractional ideals in Dedekind domains*. NEW MATHEMATICS AND NATURAL COMPUTATION, In Press.
643. S. Yazar, S. Onar, E.M. Ozkan, **K. Hila**, *A Novel Study On Intuitionistic Fuzzy 2-Absorbing Primary Ideals of A Lattice*, JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING, In Press.
642. N. Rehman, A. Ali, **K. Hila**, A. Aslam, *Application of multigranulation (I_0, O) -fuzzy rough sets in emergency decision making under (β, δ) -fuzzy similarity environment*, SOFT COMPUTING, In Press.
641. N. Azzouz, B. Benaissa, **A. Kashuri**, *Updating approach to midpoint inequality by using multiplicative absolute value*, FILOMAT, In Press
640. A. Mateen, M. Toseef, **A. Kashuri**, Z. Zhang, *Some new weighted Boole's type inequalities for differentiable generalize convex functions with their applications*, FILOMAT, In Press
639. A. Mateen, **A. Kashuri**, S. Özcan, *A family of Newton–Cotes-type inequalities in multiplicative calculus with their applications to quadrature formulas and numerical analysis*, MATHEMATICAL METHODS IN THE APPLIED SCIENCES, In Press.
638. B.C. Agbata, **Zh. Muka Meco**, D.F. Agbebaku, **R. Dervishi**, G.C.E. Mbah, *Fractional-Order analysis of Malaria-TB Co-dynamics: A Laplace Adomian Decomposition Approach*, EDELWEISS APLIED SCIENCE AND TECHNOLOGY, In Press.
637. Z. Ali, H. Bibi, **K. Hila**, *Fraud Detection and Financial Analysis Based on Dombi Aggregation Operators for Neutrosophic Fuzzy Rough Information and Their Applications*, JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING, In Press.
637. E. Dashi (Berberi), **E. Xhaferraj (Musta)**, *Roadmap to Backcasting procedures-challenges to be considered during the implementation of NACE Rev. 2 in business survey statistics of Albania (SBS case), as a step towards the next update of NACE Rev. 2.1*, WSEAS TRANSACTION ON BUSINESS AND ECONOMICS, In Press.
636. M. Bolat, E. Kaya, S. Onar, B.A. Ersoy, **K. Hila**, *r-subhypermoudles over Krasner hypermoudles*, CARPATHIAN MATHEMATICAL PUBLICATION, In Press.

635. M. Khan, S. Khan, M. Zeeshan, **K. Hila**, S. Anis. *Cubic soft matrices with some new operations and applications*, NEW MATHEMATICS AND NATURAL COMPUTATION, 2026. 1-18.
634. **A. Naço**, **A. Peposhi**, **K. Hila**, S. Onar, B.A. Ersoy, “On an algebra of fuzzy *m*-ary semihypergroups”, ANNALS OF THE UNIVERSITY OF CRAIOVA - MATHEMATICS AND COMPUTER SCIENCE SERIES, In Press.

**ARTIKUJ SHKENCORE TË BOTUAR/PUBLISHED PAPERS IN PEER-
REVIEW JOURNALS**

2025

633. S.A. Khan, M.Y. Abbasi, **K. Hila**, A. Raza, *Some certain characterizations of Γ -semihypergroups by soft generalized Γ -hyperideals*, IRANIAN JOURNAL OF MATHEMATICAL SCIENCES AND INFORMATICS, Vol. 20 (2025), No. 1, 151-174.
632. R. Sema, **A. Naço**, **K. Hila**, *On completely inverse AG^{**} -Groupoids*, KYUNGPOOK JOURNAL OF MATHEMATICS, 65(2025), No. 1, 29-36.
631. B.C. Agbata, **Zh. Muka Meco**, D.F. Agbebaku, **R. Dervishi**, G.C.E. Mbah, *Fractional-Order analysis of Malaria-TB Co-dynamics: A Laplace Adomian Decomposition Approach*, EDELWEISS APPLIED SCIENCE AND TECHNOLOGY, Vol. 9(4), 2025, pg. 1675–1714.
630. **E. Cenaj**, **E. Maraj**, **Sh. Kuka**, *Utilizing GIS cloud for monitoring and mosquito control*, EDELWEISS APPLIED SCIENCE AND TECHNOLOGY, Vol. 9 (2025), No. 3, 345-352.
629. **A. Basholli**, **E. Cenaj**, **E. Maraj**, Sh. Kuka, *QGIS Plugins for Web Maps CreationMonitoring with GIS Cloud (Case Study)*, SOUTH EASTERN EUROPEAN JOURNAL OF PUBLIC HEALTH, Vol XXVI, 2025, 3537-3545
628. **A. Kashuri**, M.S. Talha, S.K. Sahoo, *On Certain Ostrowski Type Integral Inequalities Involving Atangana-Baleanu Katugampola Fractional Integral Operator for Convex Function with Applications*. SAHAND COMMUNICATIONS IN MATHEMATICAL ANALYSIS. 22 (2025), No. 2, 1-29.
627. A. Munir, H. Budak, I. Faiz, L. Rathour, H. Kara, **A. Kashuri**, *A study on Newton-type inequalities for fractional operator and application*, PALESTINE JOURNAL OF MATHEMATICS 14 (2025), No. 1, 298-311.
626. A. Munir, H. Budak, **A. Kashuri**, I. Faiz, H. Kara, A.Q. Qayyum, *Some new improvements of Hermite-Hadamard type inequalities using (s,m) -convex function with applications*, SAHAND COMMUNICATIONS IN MATHEMATICAL ANALYSIS 22 (2025), No. 2, 307-332
625. **E. Raço**, **E. Beliu**, **K. Haxhi**, **O. Zaçaj**, *Statistical modeling of weather impact on road accidents. A nonlinear distributed lag analysis in Tirana, Albania*. WSEAS

TRANSACTIONS ON ENVIRONMENT AND DEVELOPMENT, 21(2025), 196-205.

624. M.V.-C., S. Iqbal, **A. Kashuri**, *Some Minkowski's inequalities involving linear differential operator with associated green function*, RENDICONTI DEL CIRCOLO MATEMATICO DI PALERMO SERIES 2, 74 (2025), No. 90, 1-13.
623. M. Toseef, **A. Kashuri**, *Analyzing Boole's type inequalities for general convex functions via generalized fractional integrals with their computational analysis and applications*, Filomat, 39 (2025), No. 7, 2367-2383.
622. M. T. Khan, M. Toseef, **A. Kashuri**, *Quantum Weddle's type inequalities for convex functions with their computational analysis and applications*, Filomat, Vol. 39 (2025), No. 7, 2439-2455.
621. **A. Kashuri**, A. Munir, H. Budak, F. Hezenci, *Novel generalized tempered fractional integral inequalities for convexity property and applications*, MATHEMATICA SLOVACA, 75 (2025), No. 1, 113-128.
620. Md. Salim, D. Sinha, **K. Hila**, *On quasi-ternary-hyperideals and bi-ternary-hyperideals in ternary hypersemirings*, BOLETIM DA SOCIEDADE PARANAENSE DE MATEMATICA (BSPM), (3s.) v. 2025 (43) : 1–12.
619. S. Ostadhadi-Dehkordi, **K. Hila**, “*On quotient canonical (m,n) -ary hypermodules*”, ALGEBRA COLLOQUIUM, 32 (2025), No. 1, 129-142.
618. S. Anis, M. Khan, M. Mazhar, M. Naveed, **K. Hila**, *Complex fuzzy dynamical graphs and their applications in signals processing*, INTERNATIONAL JOURNAL OF ANALYSIS AND APPLICATIONS. Vol. 23 (2025), Article 9, 26 pp.
617. Z. Ali, **K. Hila**, *Disturbance Observer-Based Control (DOBC): WASPAS Method and Aczel-Alsina Power Aggregation Operators for Fuzzy 2-Tuple Linguistic Neural Networks*, COGNITIVE COMPUTATION, Vol. 17 (2025), article 30.
616. M.U. Awan, Y. Wang, U. Asif, M.Z. Javed, B. Meftah, **A. Kashuri**, M.A. Noor, *Numerical and visual analysis of Maclaurin type inequalities in the setting of generalized fractional calculus and applications*, JOURNAL OF MATHEMATICS AND COMPUTER SCIENCE, 38 (2025), No. 3, 281-297.
615. **D. Karaj**, **D. Kaçorri Salillari**, E. Shahu, E. Mehmeti, **E. Tako**. *Analysis of Major and Trace Metal Levels in Kashar Lake, Artificial Lake of Tirana, Farka Lake, and Statistical Data Analysis*. WSEAS TRANSACTIONS ON ENVIRONMENT AND DEVELOPMENT, Vol. 21 (2025), 28-34.
614. D. Xhako, S. Hoxhaj, N. Hyka, E. Spahiu, *Integrating AI applications into university STEM study programs using Python*. INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH AND SCIENTIFIC STUDIES, 8(1) (2025), 2374–2384.
613. D. Xhako, E. Spahiu, N. Hyka, S. Hoxhaj, *Integration of AI functions for automatic identification of morphological parameters in medical images using*

matlab, JOURNAL OF INFORMATION SYSTEMS ENGINEERING AND MANAGEMENT VOL. 10 (2025), No. 8S (2025), 535 – 544.

- 612.E. Spahiu, D. Xhako, N. Hyka, S. Hoxhaj, *3D Magnetic Resonance Image Segmentation Using HD Brain Extraction in 3D Slicer*. JOURNAL OF TRANSACTIONS IN SYSTEMS ENGINEERING, 3(1) (2025), 340–348.

2024

611. A. Bendo, **E. Maraj**, O. Kosta, *Integrating mathematical and biomechanical models in sports performance: A multidisciplinary approach*. SOUTH EASTERN EUROPEAN JOURNAL OF PUBLIC HEALTH. Vol. XXV (2024), 3355-3366.
610. **S. Kovaçi**, D. Prenga, *A comparative analysis of mathematics' CI testing on high school and engineering bachelor's students in Albania*, EUROPEAN MODERN STUDIES JOURNAL Vol. 8 (2024), No. 6, 65-77.
609. **E. Cenaj**, **R. Dervishi**, *Road Accident Fatalities Forecasting Models using Smeed's Regression Analysis: A case study*, EUROPEAN JOURNAL OF ENGINEERING AND TECHNOLOGY RESEARCH, Vol. 9 (2024), No. 6, 20-24.
608. R. Kosova, Sh. Hajrulla, **E. Xhafaj**, R. Kapçiu, *Urban flood resilience: a multi-criteria evaluation using AHP and TOPSIS*, JURNAL ILMIAH ILMU TERAPAN UNIVERSITAS JAMBI, Vol. 8 (2024), No. 2, pp. 828-841.
607. M. Farooq, M. Izhar, A. Khan, **K. Hila**, *Hesitant fuzzy hyperideals of ordered semihypergroups*, ANNALS OF THE UNIVERSITY OF CRAIOVA-MATHEMATICS AND COMPUTER SCIENCE SERIES, 51 (2024), No. 2, 416-429.
606. M.J. Nikmehr, R. Nikandish, A. Yassine, **K. Hila**, S. Hoskova-Mayerova, *A generalization of n-ary prime subhypermodule*, ANALELE STIINTIFICE ALE UNIVERSITATII OVIDIUS CONSTANTA, SERIA MATEMATICA, Vol. 32 (2024), No. 3, 103-123.
605. Sh. Ali, M.Y. Abbasi, **K. Hila**, S.A. Khan, *Characterizations of CQ-Hyperideals in Semihypergroups*, AFRIKA MATEMATIKA, Vol. 35 (2024), article number 74.
604. T. Sajjad, M. Izhar, A. Khan, **K. Hila**, *On info-soft quasi- Γ -ideals of an ordered Γ -semigroup*, FILOMAT, 38 (2024), No. 13, 4511–4528.
603. S. Vougiouklis, **K. Hila**, T. Vougiouklis, *Helix-hyperproduct on $n \times (n + 1)$ matrices*, JOURNAL OF ALGEBRAIC HYPERSTRUCTURES AND LOGICAL ALGEBRAS, Vol. 5 (2024), No. 2, 63-73.
602. E. Kaya, M. Bolat, B.A. Ersoy, S. Onar, **K. Hila**, B. Davvaz, *δ -primary subhypermodules on Krasner hyperrings*, CATEGORIES AND GENERAL ALGEBRAIC STRUCTURES WITH APPLICATIONS, Vol. 21(1) (2024), 153-174.
601. M.A. Ansari, N. Rehman, A. Ali, **K. Hila**, T. Mubeen, *Local soft rough approximations and their applications to conflict analysis problems*, KNOWLEDGE AND INFORMATION SYSTEMS, 66(2024), 4063-4092.
600. **K. Hila**, R.M. Santilli, T. Vougiouklis, *Lie-Santilli admissible hyper-structures, from numbers to Hv-numbers*, RATIO MATHEMATICA Vol. 52 (2024), 176-187.

Summary of Research and Scientific Activity

©2025 Faculty of Mathematical Engineering & Physical Engineering - Polytechnic University of Tirana

599. **T. Myftiu (Budlla), K. Hila**, K. Naka, *Note on decomposition of ordered semigroups*, THE NORTH CAROLINA JOURNAL OF MATHEMATICS AND STATISTICS, Vol. 10 (2024), 15-19.
598. M.D. Zia, F. Yousafzai, S. Abdullah, **K. Hila**, *Complex Linear Diophantine Fuzzy Sets and their applications in Multi-Attribute Decision Making*, ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE, 132 (2024) 107953
597. A. Ali, N. Rehman, M. Ali, **K. Hila**, *A novel approach to three way decision model under fuzzy soft dominance degree relations and emergency situation*, EXPERT SYSTEMS WITH APPLICATIONS, 239 (2024) 122369.
596. **A. Kashuri**, S.K. Sahoo, P.O. Mohammed, E. Al-Sarairah, N. Chorfi, “*Novel inequalities for subadditive functions via tempered fractional integrals and their numerical investigations*”, AIMS MATHEMATICS, Vol. 9 (2024), No. 5, 13915-13210.
595. S. Mehmood, P.O. Mohammed, **A. Kashuri**, N. Chorfi, S.A. Mahmood, M.A. Yousif, “*Some new fractional inequalities defined using cr-Log-h-convex functions and applications*”, SYMMETRY, Vol. 16 (2024), Issue 4, Article 407.
594. M. Raees, M.U. Awan, **A. Kashuri**, M. Anwar, *Multi-parametric post quantum Simpson inequalities and their applications*, FILOMAT, Vol. 38(2024), No. 7, 2427-2455
593. M.S. Talha, **A. Kashuri**, S.K. Sahoo, “*Integral inequalities using generalized convexity property pertaining to fractional integrals and their applications*”, SAHAND COMMUNICATIONS IN MATHEMATICAL ANALYSIS, Vol. 21 (2024), No. 3, 323-359.
592. P.O. Mohammed, R.P. Agarwal, I. Brevik, M. Abdelwahed, **A. Kashuri**, M.A. Yousif, “*On multiple-type wave solutions for the nonlinear coupled time-fractional Schrödinger model*”, SYMMETRY, Vol. 16 (2024), Issue 5, Article 553.
591. M. Toseef, Zh. Zhang, A. Mateen, H. Budak, **A. Kashuri**, “*Refinement of Jensen Mercer and Hermite-Hadamard-Mercer type inequalities for generalized convex functions on co-ordinates with their computational analysis*”, ANNALS OF MATHEMATICS AND PHYSICS Vol. 7 (2024), No. 1, 190-205.
590. A.F. Shah, S. Özcan, M. Vivas-Cortez, M.Sh. Saleem, **A. Kashuri**, “*Fractional Hermite-Hadamard-Mercer-type inequalities for interval-valued convex stochastic processes with center-radius order and their related applications in entropy and information theory*”, FRACTAL AND FRACTIONAL, Vol. 8 (2024), Issue 7, Article 408.
589. M.A. Latif, H. Budak, **A. Kashuri**, *Further refinements and inequalities of Fejer's type via GA-convexity*, INTERNATIONAL JOURNAL OF OPTIMIZATION AND CONTROL: THEORIES & APPLICATIONS, Vol. 14 (2024), No. 3, 229-248.
588. B. Bin-Mohsin, M.Z. Javed, M.U. Awan, B. Meftah, **A. Kashuri**, “*Fractional reverse inequalities involving generic interval-valued convex functions and applications*”, FRACTAL AND FRACTIONAL, Vol. 8 (2024), Issue 10, Article 587.
587. R. Kosova, **A. Naço**, Sh. Hajrulla, A. M. Kosova, *Addressing Missing Data in Surveys and Implementing Imputation Methods with SPSS*, INTERNATIONAL

586. Z. Sina, R. Kosova, Sh. Hajrullah, **A. Gjana**. *Analysis of High School STEM Program Impact on Students University Performance*. INTERNATIONAL JOURNAL OF ADVANCED NATURAL SCIENCES AND ENGINEERING RESEARCHES, Vol. 8 (2024), no. 7, pp. 233-240.
585. E. Kalluçi, **B. Preni**, Xh. Dharmo, E. Noka, S. Bardhi, K. Bani, A. Machia, G. Boneti, K. Dhuli, K. Donato, M. Bartelli, L.J.M. Zambrano, S. Janaqi. "A comparative study of supervised and unsupervised machine learning algorithms applied to human microbiome" LA CLINICA TERAPEUTICA SOCIETÀ EDITRICE UNIVERSO, CLIN TER; 175 (2024), No. 3, pp. 98-116.
584. R. Kapçiu, **B. Preni**, E. Kalluçi: "IT-Enabled WGCNA for Critical Gene Module Mapping and Therapy Optimization: Advanced Leukemia Care" TRANSDISCIPLINARY JOURNAL OF ENGINEERING & SCIENCE (TJES) Vol. 15 (2024), No. 1, pp. 227-249.
583. **B. Preni**, **E. Musta**, R. Kapçiu. *Onerousity Analysis and PAA Eligibility Assessment Model in a Non-Life Insurance Company in Albania*. INTERNATIONAL RESEARCH JOURNAL OF ECONOMICS AND MANAGEMENT STUDIES, Vol. 3 (2024), No. 4, pp. 165-173.
582. **D. Kaçorri (Salillari)**, **A. Caushi**, **A. Basholli**, **L. Prifti**. "A Stochastic Model to Predict Road Accidents in Albania" JOURNAL OF ADVANCES IN MATHEMATICS, Vol 23 (2024), 91-96.
581. **R. Dervishi**, **E. Cenaj**, L. Malka, *Analysis of a Rooftop PV System in Households' Sector in Tirana. A Novel Approach using Energy Modeling Tool*, WSEAS TRANSACTIONS ON ENVIRONMENT AND DEVELOPMENT, Vol 20 (2024), pp. 530-545.
580. L. Malka, **R. Dervishi**, **P. Malkaj**, I. Konomi, Rr. Ormeni, **E. Cenaj**, *Modelling and Assessing Environmental Impact in Transport to Meet the Sector's Climate Goals in 2050*, WSEAS TRANSACTIONS ON ENVIRONMENT AND DEVELOPMENT, Vol 20 (2024), pp. 350-364.
579. **R. Dervishi**, **E. Cenaj**, *Health harms and effects after Covid-19 pandemic: Comparison with neighbouring countries*, INTERNATIONAL SCIENTIFIC JOURNAL "SCIENCE. BUSINESS SOCIETY, Vol. 9 (2024), Issue 2, pp. 61-65.
578. **D. Kaçorri**, **A. Basholli**, **L. Prifti**, *Using Cluster Analysis for Author Classification of Albanian Texts: A Study on the Effectiveness of Stop Words*, WSEAS TRANSACTIONS ON COMPUTER RESEARCH, Vol. 12 (2024), 19-28.
577. A. Grepcka, E.E. Elsayed, J. Minga, **A. Basholli**, A. Daberdini. *The use of GPT Chat in the preparation of the test for the control of students' knowledge in Electronics and Information Technology*. OPTIME, 2 (2024), 1-34.
576. A. Grepcka, **A. Basholli**, *The use of GPT Chat in the preparation of the test for the control of students' knowledge in Microelectronics*. OPTIME, 2 (2024), 1-34.

575. A. Grepcka, **A. Basholli**, A. Daberдини, *Cyber hygiene in the age of digitization*. OPTIME, 2 (2024), 1-8.
574. F. Basholli, B. Mema, **A. Basholli**. *Training of information technology personnel through simulations for protection against cyber attacks*. ENGINEERING APPLICATIONS, 3 (2024), no. 1, 45-58.
573. R. Kosova, Sh. Hajrulla, **E. Xhafaj**, R. Kapciu, *Urban Flood Resilience: A Multi-Criteria Evaluation*, JURNAL ILMIAH ILMU TERAPAN UNIVERSITAS JAMBI, Vol. 8 (2024), no. 2, 10-24.
572. **E. Xhafaj**, D. Halidini, **D. Salillari**, *A novel hybrid procedure of PLS-SEM, ANN and Fuzzy TOPSIS for online banking*, JOURNAL OF INTELLIGENT & FUZZY SYSTEMS Vol. 46 (2024), no. 2, pp. 5287-5297.
571. J. Bundo, **S. Tola**, **A. Daci**. *HVAC/R Systems Modelling: Assessing Mathematical Model for Gas Compressor*, MATHEMATICAL MODELLING OF ENGINEERING PROBLEMS, Vol. 11 (2024), No. 9, pp. 2285-2292.
570. **S. Tola**, **A. Daci**, J. Bundo; *Evaluating the Compressor performance using two dimensional Lagrange polynomial interpolation and Cubic approximation*, INTERNATIONAL SCIENTIFIC JOURNAL "INNOVATIONS", Vol. 12 (2024), Issue 2, pp. 83-85.
569. L. Malka, I. Dervishi, A.B. Owolabi, Y. Abdullahi, D. Suh, B. Aliaj, M. Zeqo, **R. Dervishi**, *Deep retrofitting toward net zero energy building in the Mediterranean region: A case study of Albania*, HELIYON, Vol. 10 (2024), No. 15, pp. 1-23.
568. G. Zeneli (Foto), **D. Kaçorri (Salillari)**, *The impact of lending on economic growth, the case of Albania*, JOURNAL OF ECONOMY AND POLITICAL ECONOMY, Vol. 10 (2024), No. 3-4, pp. 95–103.

2023

567. C. Wang, **A. Fundo**, J.-B. Leger and D. Naçe, *Chance-Constrained Flight Level Assignment Problem*, IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS, Vol. 24 (2023), No. 6, 6065-6081.
566. C. Park, N. Rehman, A. Ali, R.A. Alahmadi, M.M. Khalaf, **K. Hila**, *A new class of fuzzy implications derived from non associative structures*, JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, Vol. 45 (2023), No. 3-4, 4949-4977.
565. S.A. Khan, M.Y. Abbasi, **K. Hila**, A. F. Talee, *A study of soft hyperideals in right regular LA-semihypergroups*, ASIAN-EUROPEAN JOURNAL OF MATHEMATICS, Vol. 16 (2023), No. 8, 2350141 (20 pages).
564. S. Yavuz, S. Onar, B.A. Ersoy, B. Davvaz, **K. Hila**, *Intuitionistic Complex Fuzzy Hv-subgroups*, JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING, Vol. 41 (2023), No. 1-2, 141-167.

563. M.Y. Abbasi, S.A. Khan, **K. Hila**, A. Raza, *Soft hyperideals and soft hyperfilters in \ast -ternary semihypergroups*, JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING, Vol. 41 (2023), No. 1-1, 169-186.
562. S. Onar, B.A. Ersoy, **K. Hila**, B. Davvaz, *T-fuzzy subhypernear-modules*, FUZZY INFORMATION AND ENGINEERING Vol. 15 (2023), No. 2, 162-182.
561. S. Onar, E.M. Ozkan, B.A. Ersoy, **K. Hila**, *2-absorbing δ -primary intuitionistic fuzzy ideals of commutative rings*, NEW MATHEMATICS AND NATURAL COMPUTATION, Vol. 19 (2023), No. 1, 87-104.
560. S. Onar, **K. Hila**, S. Etemad, A. Akgul, M. De La Sen, Sh. Rezapour, *2-absorbing vague weakly completely Γ -ideals in Γ -rings*, SYMMETRY Vol. 15(2023), Issue 3, Article 740.
559. R. Sema, P. Petro, **K. Hila**, *The characteristic of the minimal ideals and the minimal generalized ideals in rings*, INTERNATIONAL JOURNAL OF MATHEMATICS AND MATHEMATICAL SCIENCES, Volume 2023, Article ID 6478767, 5 pages.
558. N. Rehman, A. Ali, **K. Hila**, *Generalized fuzzy rough sets based on (β, δ) -fuzzy similarity relation and their application to emergency management*, JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING 14 (2023), 4127–4155.
557. M. Khan, G. Haidar, F. Yousafzai, T. Asif, **K. Hila**, A. Khan, *Constant Time Calculation of Metric Dimension of Join of Path Graphs*, SYMMETRY Vol. 15(2023), Issue 3, Article 708.
556. H. Guan, F. Yousafzai, M.D. Zia, M.I. Khan, M. Irfan, **K. Hila**, *Complex linear Diophantine fuzzy sets over AG-groupoids with applications in civil engineering*, SYMMETRY Vol. 15 (2023), Issue 1, Article 74.
555. P. Xu, M. Bolat, E. Kaya, S. Onar, B.A. Ersoy, **K. Hila**, *δ -r-hyperideals and ϕ - δ -hyperideals of commutative hyperrings*, PROCEEDINGS OF THE ESTONIAN ACADEMY OF SCIENCES 72 (2023), No. 1, 96–103.
554. M. Samraiz, F. Nawaz, Sh. Wu, S. Iqbal, **A. Kashuri**, “*On the novel Hermite-Hadamard inequalities for composite inverse functions*”, FILOMAT Vol. 37 (2023), No. 9, 2995-3008.
553. S.K. Sahoo, **A. Kashuri**, M. Aljuaid, S. Mishra, M. De La Sen, “*On Ostrowski-Mercer's type fractional inequalities for convex functions and applications*”, FRACTAL AND FRACTIONAL Vol. 7 (2023), Issue 3, Article 215, 15 pp.
552. **A. Kashuri**, S.K. Sahoo, P.O. Mohammed, E. Al-Sarairah, Y. S. Hamed “*Some new Hermite-Hadamard type inequalities pertaining to fractional integrals with an exponential kernel for subadditive functions*”, SYMMETRY Vol. 15 (2023), Issue 3, Article 748, 15 pp.
551. **A. Kashuri**, S.K. Sahoo, M. Aljuaid, M. Tariq, M. De La Sen, *Some new Hermite-Hadamard type inequalities pertaining to generalized multiplicative fractional integrals*, SYMMETRY Vol. 15 (2023), Issue 4, Article 868, 15 pp.

550. Sh. Mubeen, S. Ali, Y. Elmasry, E. Bonyah, **A. Kashuri**, G. Rahman, C. Yildiz, "On novel fractional integral and differential operators and their properties", JOURNAL OF MATHEMATICS, Vol. 20 (2023), Article ID 4165363.
549. M. J. Vivas-Cortez, **A. Kashuri**, M. Raees, M. Anwar, *New quantum integral inequalities via m -convex functions over finite interval*, JOURNAL OF MATHEMATICAL INEQUALITIES, Vol. 17 (2023), No. 2, 683-706.
548. **A. Kashuri**, Y. Almalki, A.M. Mahnashi, S.K. Sahoo, *New estimates on Hermite-Hadamard type inequalities via generalized tempered fractional integrals for convex functions with applications*, FRACTAL AND FRACTIONAL Vol. 7 (2023), Article 579, 19 pp.
547. H.M. Srivastava, S.K. Sahoo, P.O. Mohammed, **A. Kashuri**, N. Chorfi, *Results on Minkowski-type inequalities for weighted fractional integral operators*, SYMMETRY Vol. 15 (2023), Issue 8, Article 1522,
546. R. Liko, **A. Kashuri**, "Newton's type quantum fractional integral inequalities pertaining to n -polynomial convex functions and application", MATEMATICHKI BILTEN, Vol. 46 (2023), No. 2, 121-142.
545. B. Al Mohsin, M.Z. Javed, M.U. Awan, **A. Kashuri**, "On some new AB-fractional inclusion relations", FRACTAL AND FRACTIONAL Vol. 7 (2023), No. 10, Article 725.
544. S. Erden, **A. Kashuri**, S. Kilicer, "Simpson type integral inequalities for generalized strongly convex functions and applications", NEW TRENDS IN MATHEMATICAL SCIENCES, Vol. 11 (2023), No. 3, 11-23.
543. **T. Budlla, K. Haxhi, E. Llagami, E. Raço, O. Zaçaj**. *Statistical Estimation Methods Benchmarking in R Using Insurance Claims Data*. MATHEMATICA APPLICANDA, 51 (2023), No. 2, pp. 305–320.
542. F. Basholli, G. Dajci, A. Grepcka, **A. Basholli, D. Salillari**. *On the possibilities of using Chatgpt in Higher Education*. OPTIME, 2 (2023), 126-144.
541. E. Kalluci, **B. Preni**, "Studying the efficiency of the root finding methods", INTERNATIONAL JOURNAL OF ADVANCED NATURAL SCIENCES AND ENGINEERING, RESEARCHES, Vol. 7 (2023), no. 11, pp. 2015-2019.
540. R. Kapçiu, **B. Preni**, J. Mata. "Authenticating Signatures Based on the B-spline Technique." JOURNAL OF NATURAL SCIENCES (JNS), Vol. 34/2023, pp 126–138.
539. **A. Çausi, E. Musta**. "Statistical Bochner Integral on Freche Space", WSEAS TRANSACTIONS ON MATHEMATICS, Vol. 22 (2023), pp. 224-231.
538. **A. Çausi, D. Salillari**. "An Ideal Bochner Type on Banach Space.", JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE AND TECHNOLOGY, Vol. 10 (2023), no. 2, pp. 15768- 1570.
537. **A. Çausi, E. Musta**. "Statistical Converges of Series and Statistical Pettis Integration ", JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE STUDIES, Vol. 9 (2023), no. 4, pp. 4857-4860.

536. **E. Musta, A. Çausi** “The “NE” Integral Transform and fractional differential equations”. JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE STUDIES, Vol. 9 (2023), no. 4, pp. 4861-4864.
535. **R. Dervishi, E. Cenaj**, *An example of a vehicle-pedestrian accident reconstruction by Mathematical and Software Model*. INTERNATIONAL JOURNAL OF ADVANCED NATURAL SCIENCES AND ENGINEERING RESEARCHES, Vol 7 (2023), Issue 10, pp. 155-157.
534. **E. Musta**, “The New Integral Transform: "NE Transform" and Its Applications” EUROPEAN JOURNAL OF FORMAL SCIENCES AND ENGINEERING, Vol. 6 (2023), No. 1, pp. 22-34.
533. **B. Xhaja, E. Musta**, R. Kapciu, *Onerousity Analysis and PAA Eligibility Assessment Model in a non-life insurance company in Albania*. INTERNATIONAL RESEARCH JOURNAL OF ECONOMICS AND MANAGEMENT STUDIES (IRJEMS), Vol. 1 (2023), No. 1, pp. 1-4.
532. R. Kosova, **E. Xhafaj**, D. Halidini, “Forecasting Fossil Fuel Production Through Curve-Fitting Models: An Evaluation of the Hubbert Model”, MATHEMATICAL MODELLING OF ENGINEERING PROBLEMS, Vol. 10 (2023), No. 4, pp. 1149-1156.
531. D. Halidini, **E. Xhafaj**, R. Kosova, N. Gjika, “Factors Affecting the Adoption of Cloud Based Learning Management System: A Decision Approach via Fuzzy Z-AHP”, INTERDISCIPLINARY JOURNAL OF RESEARCH AND DEVELOPMENT, Vol 10 (2023), No 2, 82-88.
530. **A. Daci, S. Tola**, N. Çepa; “Application of Sturm Liouville Problem in the Wave Equation”, INTERNATIONAL SCIENTIFIC JOURNAL “MATHEMATICAL MODELING”, Vol 7 (2023), Issue 3, pp. 76-79.
529. **S. Tola, A. Daci**, N. Çepa; “Speech Signal reconstruction using interpolation methods with Warped frequencies”, INTERNATIONAL SCIENTIFIC JOURNAL "MATHEMATICAL MODELING", Vol 7 (2023), Issue 2, pp. 52-54.
528. H. Budak, K. Özçelik, M.Z. Sarikaya, **A. Kashuri**, *Ostrowski type inequalities for functions of two variables via generalized fractional integrals*, MISKOLC MATHEMATICAL NOTES Vol. 24 (2023), No. 1, 343-357.

2022

527. S. Onar, S. Yavuz, B.A. Ersoy, **K. Hila**, *Intuitionistic fuzzy 2-absorbing semiprimary ideals of commutative rings*, JOURNAL OF DISCRETE MATHEMATICAL SCIENCES & CRYPTOGRAPHY 25 (2022), No. 8, 2353-2368.
526. M. Izhar, T. Mahmood, A. Khan, M. Farooq, **K. Hila**, *Double-framed soft set theory applied to Abel Grassmann's hypergroupoids*, NEW MATHEMATICS AND NATURAL COMPUTATION Vol. 18 (2022), No. 3, 819-841.
525. S. Onar, R. Sema, **K. Hila**, *2-absorbing primary vague weakly completely ideals*, ACTA MATHEMATICA UNIVERSITATIS COMENIANAE Vol. 91 (2022), No. 4, 313-324.

524. **K. Haxhi, T. Myftiu, K. Hila**, *Some study on the topological structure on semigroups*, WSEAS TRANSACTIONS IN MATHEMATICS, 21 (2022), 779-784.
523. Zh. Kou, M. Gheisari, **K. Hila**, N. Abbasizadeh *Some aspects of hyperatom elements in ordered semihyperrings*, SYMMETRY Vol. 14 (2022), Issue 11, Article 2265.
522. Y. Sarala, P. Seetha Mani, **K. Hila**, G. Jaya Lalitha, *Semipseudosymmetric hyperideals in ternary semihypergroups*, ANNALS OF THE UNIVERSITY OF CRAIOVA, MATHEMATICS AND COMPUTER SCIENCE SERIES Vol. 49 (2022), No. 2, 338–347.
521. Sh. Kanwal, F. Hussain, **K. Hila**, Javeria, M.S.A. Khan, *Near BE-semigroups*, ITALIAN JOURNAL OF PURE AND APPLIED MATHEMATICS 48 (2022), 100-108
520. M. Izhar, A. Khan, M. Farooq, **K. Hila**, *(M,N)-Double-framed soft bi-ideals of Abel Grassmann's groupoids*, DISCUSSIONES MATHEMATICAE-GENERAL ALGEBRA AND APPLICATIONS 42 (2022), No. 2, 425-448.
519. A.F. Talee, M.Y. Abbasi, **K. Hila**, S.A. Khan, *A new approach towards int-soft hyperideals in ordered ternary semihypergroups*, JOURNAL OF DISCRETE MATHEMATICAL SCIENCES & CRYPTOGRAPHY Vol. 25 (2022), No. 5, 1239-1259.
518. M.S.A. Khan, S. Abdullah, **K. Hila**, *On the generalization of interval valued $(\epsilon, \epsilon \vee q_r)$ -fuzzy bi-ideals in ordered semigroups*, IRANIAN JOURNAL OF MATHEMATICAL SCIENCES AND INFORMATICS, Vol. 17 (2022), No. 2, pp. 109-137.
517. M. Farooq, M. Izhar, A. Khan, **K. Hila**, *A study of (α, β) -fuzzy hyperfilters of ordered semihypergroups*, JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING Vol. 39 (2022), No. 2-4, 183-199.
516. H. Guan, E. Kaya, M. Bolat, S. Onar, B.A. Ersoy, **K. Hila**, *φ - δ -primary hyperideals in Krasner hyperrings*, MATHEMATICAL PROBLEMS IN ENGINEERING, Volume 2022, Article ID 1192684, 12 pages.
515. P. Xu, M. Bolat, E. Kaya, S. Onar, B.A. Ersoy, **K. Hila**, *r-hyperideals and generalizations of r-hyperideals in Krasner hyperrings*, MATHEMATICAL PROBLEMS IN ENGINEERING, Volume 2022, Article ID 7862425, 10 pages.
514. **O. Zaçaj, E. Beliu (Llagami), E. Raço, K. Haxhi, K. Hila**; *Comparative approach of tracking COVID-19 in Balkan countries using interactive web-based dashboard"*, INTERDISCIPLINARY PERSPECTIVES ON INFECTIOUS DISEASES, Volume 2022, Article ID 8627956, 6 pages.
513. **E. Beliu, E. Raço, K. Haxhi, O. Zaçaj, K. Hila**, *Two Statistical Methods to Analyze the Role of CHA2DS2VASc Score in Patients with STEMI*, WSEAS TRANSACTIONS ON MATHEMATICS. Vol. 21 (2022), 461-467.

512. **O. Zaçaj, E. Raço, K. Haxhi, E. Llagami, K. Hila**, *Bootstrapping methods for claims reserving: R language approach*, WSEAS TRANSACTIONS ON MATHEMATICS. Vol. 21 (2022), 252-259.
511. D. Sonmez, G. Yesilot, **K. Hila**, *On weakly $\delta_{R,M}$ -semiprimary submodules*, RENDICONTI DEL CIRCOLO MATEMATICO DI PALERMO SERIES 2, 71 (2022), 119-130.
510. M. Gulistan, M. Khan, **K. Hila**, *A study of neutrosophic cubic ideals in semigroups and application*, THAI JOURNAL OF MATHEMATICS 20 (2022), No. 1, 257-279.
509. S. Onar, B.A. Ersoy, B. Davvaz, **K. Hila**, *Intuitionistic Fuzzy Multi-Hypergroups*, JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING 38 (2022), No. 5-6, 431-465.
508. S. Ostadhadi-Dehkordi, T. Vougiouklis and **K. Hila**, *H-sets and application on Hv-groups*, JOURNAL OF ALGEBRAIC SYSTEMS, 10 (2022), No. 1, 79-93.
507. Javeria, F. Hussain, Sh. Kanwal, S. Abdullah, **K. Hila**, *Generalized BE-semigroups*, AFRIKA MATEMATIKA 33, 21(2022).
506. S.J. Ansari, K.F. Pawar, **K. Hila**, *On regular and intra-regular Γ -semihypergroups*, CREATIVE MATHEMATICS AND INFORMATICS 31(2022), No. 1, 245-259.
505. S. Onar, B.A. Ersoy, B. Davvaz, **K. Hila**, *Intuitionistic fuzzy multi-polygroups*, COMPUTATIONAL AND APPLIED MATHEMATICS 41, 12(2022).
504. S. Suebsung, R. Chinram, W. Yonthanthum, **K. Hila**, A. Iampan, *On almost bi-ideals and almost of ordered semigroups and their fuzzifications*, INTERNATIONAL JOURNAL OF INNOVATIVE COMPUTING, INFORMATION AND CONTROL (ICIC), 16 (2022), No. 2, 127-135.
503. **A. Kashuri**, R. Liko, *Some new inequalities for convex functions via generalized integral operators and their applications*, PROYECCIONES Vol. 41 (2022), No. 1, 317-342.
502. M.J. Vivas-Cortez, **A. Kashuri**, J.E. Hernández-Hernández, *“Trapezium-type AB -fractional integral inequalities using generalized convex and quasi φ -convex functions”*, PROGRESS IN FRACTIONAL DIFFERENTIATION AND APPLICATIONS, Vol. 8 (2022), No. 1, 107-122.
501. M.U. Awan, S. Talib, **A. Kashuri**, I. Slimane, K. Nonlaopon, Y.S. Hamed, *“Some new (p, q) -Dragomir-Agarwal and Iyengar type integral inequalities and their applications”*, AIMS MATHEMATICS, Vol. 7 (2022), No. 4, pp. 5728-5751.
500. M. Bohner, **A. Kashuri**, P.O. Mohammed, J.E.N. Valdes, *Hermite-Hadamard-type inequalities for conformable integrals*, HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, Vol. 51 (2022), No. 3, 775-786.
499. M.U. Awan, **A. Kashuri**, K.S. Nisar, M.Z. Javed, S. Iftikhar, P. Kumam, P. Chaipunya, *New fractional identities, associated novel fractional inequalities with applications to means and error estimations for quadrature formulas*, JOURNAL OF INEQUALITIES AND APPLICATIONS, Vol. 2022, 3 (2022).

498. H.M. Srivastava, P.O. Mohammed, O. Almutairi, **A. Kashuri**, Y.S. Hamed, “Some integral inequalities in \mathbf{V} -fractional calculus and their applications”, MATHEMATICS Vol. 10 (2022), Issue 3, Article 344, 16 pp.
497. R. Liko, P.O. Mohammed, **A. Kashuri**, Y.S. Hamed, “Reverse Minkowski inequalities pertaining to new weighted generalized fractional integral operators”, FRACTAL AND FRACTIONAL Vol. 6 (2022), Issue 3, Article 131, 20 pp.
496. **A. Kashuri**, M. Samraiz, G. Rahman, Z.A. Khan, “Some new Beesack-Wirtinger-type inequalities pertaining to different kinds of convex functions”, MATHEMATICS Vol. 10 (2022), Issue 5, Article 757, 21 pp.
495. M. Raees, M. Anwar, M. Vivas-Cortez, **A. Kashuri**, M. Samraiz, G. Rahman, “New Simpson`s type estimates for two newly defined quantum integrals”, SYMMETRY Vol. 14 (2022), Issue 3, Article 548, 20 pp.
494. M. Vivas-Cortez, M.U. Awan, S. Talib, **A. Kashuri**, M.A. Noor, “Multi-parameter quantum integral identity involving Raina`s function and corresponding q -integral inequalities with applications”, SYMMETRY Vol. 14 (2022), Issue 3, Article 606, 19 pp.
493. M. Vivas-Cortez, P.O. Mohammed, Y.S. Hamed, **A. Kashuri**, J.E. Hernández, J.E. Macias-Diaz, “On some generalized Raina-type fractional-order integral operators and related Chebyshev inequalities”, AIMS MATHEMATICS Vol. 7 (2022), No. 6, pp. 10256-10275.
492. M. Vivas-Cortez, M.Z. Javed, M.U. Awan, **A. Kashuri**, M.A. Noor, “Generalized (p, q) -analogues of Dragomir-Agarwal's inequalities involving Raina's function and applications”, AIMS MATHEMATICS Vol. 7 (2022), No. 6, 11464-11486.
491. **A. Kashuri**, R.P. Agarwal, P.O. Mohammed, K. Nonlaopon, K.M. Abualnaja, Y.S. Hamed, “New generalized class of convex functions and some related integral inequalities”, SYMMETRY Vol. 14 (2022), Issue 4, Article 722, 23 pp.
490. M. Vivas-Cortez, M.U. Awan, S. Rafique, M.Z. Javed, **A. Kashuri**, “Some novel inequalities involving Atangana-Baleanu fractional integral operators and applications”, AIMS MATHEMATICS Vol. 7 (2022), No. 7, 12203-12226.
489. S.K. Sahoo, F. Jarad, B. Kodamasingh, **A. Kashuri**, “Hermite-Hadamard type inclusions via generalized Atangana-Baleanu fractional operator with application”, AIMS MATHEMATICS Vol. 7 (2022), No. 7, 12303-12321.
488. B. Bin-Mohsin, M.U. Awan, M.Z. Javed, **A. Kashuri**, M.A. Noor, Fractional integral estimations pertaining to generalized γ -convex functions involving Raina's function and applications, AIMS MATHEMATICS Vol. 7 (2022), No. 8, 13633-13663
487. **A. Kashuri**, S.K. Sahoo, B. Kodamasingh, M. Tariq, A.A. Hamoud, H. Emadifar, F.K. Hamasalh, N.M. Mohammed, M. Khademi, “Integral inequalities of integer and fractional orders for n -polynomial harmonically tgs-convex functions and their applications”, JOURNAL OF MATHEMATICS (2022), Article ID 2493944, 18 pp.
486. X.-G. Yue, M.E. Samei, A. Fathipour, M.K.A. Kaabar, **A. Kashuri**, “Using Krasnoselskii's theorem to investigate the Cauchy and neutral fractional q -integro-

differential equation via numerical technique”, *NONLINEAR ENGINEERING* 11, (2022), 207–227.

485. M. Tariq, H. Ahmad, S.K. Sahoo, **A. Kashuri**, T.A. Nofal, C.-H. Hsu, *Inequalities of Simpson-Mercer-type including Atangana-Baleanu fractional operators and their applications*, *AIMS MATHEMATICS* Vol. 7 (2022), No. 8, 15159-15181.
484. M.U. Awan, N. Akhtar, M. Raissouli, **A. Kashuri**, M.Z. Javed, M. A. Noor, “Some generalized fractional Integral inequalities via harmonic convex functions and their applications”, *MATHEMATICAL PROBLEMS IN ENGINEERING* (2022), Article ID 4173915, 27 pp.
483. G. Rahman, M. Samraiz, S. Naheed, **A. Kashuri**, K. Nonlaopon, “New classes of unified fractional integral inequalities”, *AIMS MATHEMATICS*, Vol. 7 (2022), No. 8, 15563-15583.
482. P.O. Mohammed, C.S. Goodrich, F.K. Hamasalh, **A. Kashuri**, “On positivity and monotonicity analysis for discrete fractional operators with discrete Mittag-Leffler kernel”, *MATHEMATICAL METHODS IN APPLIED SCIENCES*, Vol. 45 (2022), No. 10, 6391-6410.
481. M. Raees, **A. Kashuri**, M.U. Awan, M. Anwar, “Some new post-quantum integral inequalities involving multi-parameter and their applications”, *MATHEMATICAL METHODS IN APPLIED SCIENCES*, Vol. 45 (2022), No. 10, 5965-5987.
480. M.U. Awan, M.Z. Javed, I. Slimane, **A. Kashuri**, C. Cesarano, K. Nonlaopon, “ (q_1, q_2) -trapezium-like inequalities involving twice differentiable generalized m -convex functions and applications”, *FRACTAL AND FRACTIONAL* Vol. 6 (2022), Issue 8, Article 435, 18 pp.
479. B. Bin-Mohsin, S. Rafique, C. Cesarano, M.Z. Javed, M.U. Awan, **A. Kashuri**, M.A. Noor, “Some general fractional integral inequalities involving LR–Bi-convex fuzzy interval-valued functions”, *FRACTAL AND FRACTIONAL* Vol. 6 (2022), Issue 10, Article 565, 27 pp.
478. K. Nonlaopon, M.U. Awan, U. Asif, M.Z. Javed, I. Slimane, **A. Kashuri**, “Fractional Jensen-Mercer type inequalities involving generalized Raina’s function and applications”, *SYMMETRY* Vol. 14 (2022), Issue 10, Article 2204, 25 pp.
477. M. Samraiz, A. Mehmood, S. Naheed, G. Rahman, **A. Kashuri**, K. Nonlaopon, “On novel fractional operators involving the multivariate Mittag–Leffler function”, *MATHEMATICS* Vol. 10 (2022), Issue 21, Article 3991, 19 pp.
476. W.A. Shaikh, S.F. Shah, S.M. Pandhiani, M.A. Solangi, M. Farooq, H. Ahmad, **A. Kashuri**, N. Jarasthitikulchai, W. Sudsutad, “A hybrid forecasting model based on the group method of data handling and wavelet decomposition for monthly rivers streamflow data sets”, *OPEN PHYSICS* Vol. 20 (2022), No. 1, 1096-1111.
475. T. Abdeljawad, P.O. Mohammed, H.M. Srivastava, E. Al-Sarairah, **A. Kashuri**, K. Nonlaopon, “Some novel existence and uniqueness results for the Hilfer fractional integro-differential equations with non-instantaneous impulsive multi-point boundary conditions and their application”, *AIMS MATHEMATICS*, Vol. 8 (2022), No. 2, pp. 3469-3483.

474. M.A. Latif, **A. Kashuri**, S. Hussain, M.R. Delavar, “Trapezium-type inequalities for h -preinvex functions and their applications”, *FILOMAT* Vol. 36 (2022), No. 10, 3393-3404.
473. P.O. Mohammed, **A. Kashuri**, B. Abdalla, Y.S. Hamed, K.M. Abualnaja, “Inequalities for m -polynomial exponentially s -type convex functions in fractional calculus”, *SCIENCEASIA* Vol. 48 (2022), 12 pp.
472. R. Liko, H.M. Srivastava, P.O. Mohammed, **A. Kashuri**, E. Al-Sarairah, S.K. Sahoo, M.S. Soliman, “Parameterized quantum fractional integral inequalities defined by using n -polynomial convex functions”, *AXIOMS* Vol. 11 (2022), Article 727, 17 pp.
471. **A. Kashuri**, M. Samraiz, G. Rahman, K. Nonlaopon, “Some new parameterized quantum fractional integral inequalities involving s -convex functions and applications”, *SYMMETRY* Vol. 14 (2022), Issue 12, Article 2643, 18 pp.
470. T. Botmart, S.K. Sahoo, B. Kodamasingh, M.A. Latif, F. Jarad, **A. Kashuri**, “Certain Midpoint-Type Fejér And Hermite-Hadamard Inclusions involving fractional integrals with an exponential function in kernel”, *AIMS MATHEMATICS* Vol. 8 (2022), No. 3, 5616-5683.
469. S.K. Sahoo, B. Kodamasingh, **A. Kashuri**, H. Aydi, E. Ameer, “Ostrowski-type inequalities pertaining to Atangana–Baleanu fractional operators and applications containing special functions”, *JOURNAL OF INEQUALITIES AND APPLICATIONS*, Vol. 2022, (2022), 167, 27 pp.
468. **A. Daci, S. Tola, R. Datja**, "Laplace Transform in Difference Equations and Differential–Difference Equations" *JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE STUDIES (JMESS)* Vol. 8 (2022), No. 1, 4245-4247.
467. **E. Raço**, A. Beqiraj, S. Cenameri, A. Jahja. *Use of Multivariate Statistical Analysis of Hydrochemical Data for the Identification of the Geochemical Processes in the Tirana-Fushe Kuqe Alluvial Aquifer, North-Western Albania*, *JOURNAL OF ECOLOGICAL ENGINEERING*, Vol. 23 (2022), Issue 8, pp. 327-340.
466. **E. Raço, K. Haxhi, E. Beliu (Llagami), O. Zaçaj**. *Comparison of Statistical Methods for Claims Reserve Estimation Using R Language*, *WSEAS TRANSACTIONS ON MATHEMATICS*, Vol. 21 (2022), pp. 547-552.
465. **E. Xhafaj**, D. Halidini Qendraj, A. Xhafaj, N. Gjika “A hybrid integration of PLS-SEM, AHP and FAHP methods to evaluate the factors that influence the use of an LMS”, *INTERNATIONAL JOURNAL OF DECISION SUPPORT SYSTEM TECHNOLOGY*, Vol. 14 (2022), Issue 1, 736-752.
464. D. Halidini Qendraj, **E. Xhafaj**, T. Biti, “A Hybridized Approach of PLS-SEM And Fuzzy Z-Ahp To Evaluate The UTAUT2 Model For An LMS”, *JOURNAL OF INTELLIGENT & FUZZY SYSTEMS*, Vol. 43 (2022), No. 1, pp. 657-669.
463. R. Kosova, D. Halidini Qendraj, **E. Xhafaj**, “Meta-analysis Electre III and AHP in evaluating and ranking the urban resilience”, *JOURNAL OF ENVIRONMENTAL MANAGEMENT AND TOURISM*, Volume XIII (2022), Issue 3(59), 756-768.

462. D. Halidini Qendraj, **E. Xhafaj**, R. Kosova, A. Reka, "Assessing The University Online Learning Adapted With UTAUT2 Model A Fuzzy-Z-Ahp Approach", *ADVANCES IN MATHEMATICS: SCIENTIFIC JOURNAL* Vol. 11 (2022), No. 4, 353–367.
461. L. Malka, **A. Daci**, A. Kuriqi, P. Bartocci, E. Rrapaj. "Energy Storage Benefits Assessment Using Multiple – Choice Criteria: The Case of Drini River Cascade, Albania"; *ENERGIES*, Volume 15 (2022), Issue 11, 4032.
460. **S. Tola**, **A. Daci**, G. Zavalani. "A Simulation of an Elastic FILAMENT Using Kirchhoff Model", *MATHEMATICS AND STATISTICS* 10 (2022), No. 1, 25-34.
459. **E. Maraj**, **Sh. Kuka**, "Application of Fuzzy Logic in Prediction of Traffic Accidents", *INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN ENGINEERING & MANAGEMENT*, Vol. 9(2022), no. 1, pp. 19-23.

2021

458. M.Y. Abbasi, **K. Hila**, S.A. Khan and A. F. Talee, *A study of generalized quasi-hyperideals in ordered ternary semihypergroups*, *THAI JOURNAL OF MATHEMATICS* 19 (2021), No. 4, 1585-1599.
457. A.F. Talee, M.Y. Abbasi, **K. Hila**, *On int-soft bi-hyperideals in ordered ternary semihypergroups*, *ANNALS OF THE UNIVERSITY OF CRAIOVA, MATHEMATICS AND COMPUTER SCIENCE SERIES* 48 (2021), No. 2, 234-243.
456. S. Ostadhadi-Dehkordi, **K. Hila**, "Operators, fuzzy operators and Pawlak's approximations in operators", *AFRIKA MATHEMATIKA* 32 (2021), No. 7-8, pp. 1211–1225.
455. M.S.A. Khan, S. Abdullah, **K. Hila**, *A more general form of interval valued fuzzy filters in ordered semigroups*, *AFRIKA MATEMATIKA*, 32 (2021), No. 7-8, pp. 1435–1455.
454. N. Rehman, A. Ali, P. Liu, **K. Hila**, *A comprehensive study of upward fuzzy preference relation based fuzzy rough set models: properties and applications in treatment of coronavirus disease*, *INTERNATIONAL JOURNAL OF INTELLIGENT SYSTEMS* Vol. 36 (2021), No. 8, 3704-3745.
453. N. Rehman, A. Ali, **K. Hila**, *Note on tolerance-based intuitionistic fuzzy-rough set approach for attribute reduction*, *EXPERT SYSTEMS WITH APPLICATIONS* Vol. 175 (2021), 114869.
452. A. Zeb, A. Khan, M. Izhar, **K. Hila**, *Aggregation operator of fuzzy bi-polar soft sets and its application in decision making*. *JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING* 36 (2021), No. 6, 569-599.
451. M.S.A. Khan, S. Abdullah, **K. Hila**, *On the generalization of interval valued $(\epsilon, \epsilon \vee q_r)$ -fuzzy generalized bi-ideals in ordered semigroups*, *APPLICATIONS AND APPLIED MATHEMATICS (AAM)* Vol. 16 (2021), no. 1, 237-267.
450. Breikhna, F. Hussain, **K. Hila**, N. Yaqoob, M.T. Rahim, *Soft congruence relations over semirings*, *HONAM MATHEMATICAL JOURNAL* 43 (2021), No. 1, pp. 1-16.

449. S. Suebsung, W. Yonthanthum, **K. Hila**, R. Chinram, *On almost quasi-hyperideals of semihypergroups*, JOURNAL OF DISCRETE MATHEMATICAL SCIENCES & CRYPTOGRAPHY, Vol. 24 (2021), No. 1, pp. 235–244.
448. S. Onar, B.A. Ersoy, **K. Hila**, K. Naka, *(T; S)-intuitionistic fuzzy hyperideals of Γ -hyperrings*, APPLIED MATHEMATICS & INFORMATION SCIENCES, 15 (2021), No. 3, 329-342.
447. A.F. Talee, M.Y. Abbasi, **K. Hila**, *An investigation on int-soft interior hyperideals in ordered ternary semihypergroups*, APPLIED MATHEMATICS & INFORMATION SCIENCES, 15 (2021), No. 2, 123-129.
446. **A. Kashuri**, E.R. Nwaeze, “Some different types of parameterized inequalities pertaining to generalized (m, h_1, h_2) -preinvex functions via generalized fractional integral operators and their applications”, JOURNAL OF INTERDISCIPLINARY MATHEMATICS Vol. 24 (2021), No. 4, 821-852.
445. **A. Kashuri**, “Some different type parameterized inequalities via generalized integral operators and their applications”, PALESTINE JOURNAL OF MATHEMATICS, Vol. 10 (2021), No. 1, 135-150.
444. **A. Kashuri**, R. Liko, “Hermite-Hadamard type fractional integral inequalities for products of two generalized beta (r, g) -preinvex functions”, PALESTINE JOURNAL OF MATHEMATICS, Vol. 10 (2021), No. 1, 251-265.
443. **A. Kashuri**, M.A. Latif, “Some new parameterized inequalities for preinvex functions via generalized fractional integral operators and their applications”, JOURNAL OF FRACTIONAL CALCULUS AND APPLICATIONS, Vol. 12 (2021), No. 1, 46–68.
442. T. Du, C. Luo, Z. Huang, **A. Kashuri**, *Fractional trapezium-like inequalities involving generalized relative semi- (m, h_1, h_2) -preinvex mappings on an m -invex set*, UKRAINIAN MATHEMATICAL JOURNAL Vol. 72 (2021), No. 12, 1886-1906.
441. **A. Kashuri**, M. Ramosaçaj, R. Liko, “Some new bounds of Gauss-Jacobi and Hermite-Hadamard type integral inequalities”, UKRAINIAN MATHEMATICAL JOURNAL Vol. 73 (2021), No. 8, 1067-1084.
440. S. Iqbal, G. Farid, J. Pečarić, **A. Kashuri**, *Hardy-type inequalities for an extension of the Riemann-Liouville fractional derivative operators*, KRAGUJEVAC JOURNAL OF MATHEMATICS Vol. 45 (2021), No. 5, 797–813.
439. **A. Kashuri**, R. Liko, *Different type parameterized inequalities via generalized integral operators with applications*, STUDIA UNIVERSITATIS BABEȘ-BOLYAI MATHEMATICA, Vol. 66 (2021), No. 3, 18 pp.
438. **A. Kashuri**, M.Z. Sarikaya, *Different type parameterized inequalities for preinvex functions with respect to another function via generalized fractional integral operators and their applications*, UKRAINIAN MATHEMATICAL JOURNAL Vol. 73 (2021), No. 9, 1181-1204.

437. **A. Kashuri**, R. Liko, *New Ostrowski type conformable fractional inequalities concerning differentiable generalized relative semi- $(r; m, p, q, h_1, h_2)$ -preinvex mappings*, INTERNATIONAL JOURNAL OF NONLINEAR ANALYSIS AND APPLICATIONS Vol. 12 (2021), No. 1, 945-962.
436. T. Du, M.U. Awan, **A. Kashuri**, S. Zhao, “Some k -fractional extensions of the trapezium inequalities through generalized relative semi- (m, h) -preinvexity”, APPLICABLE ANALYSIS Vol. 100 (2021), No. 3, 642-662.
435. W.U. Shanhe, M.U. AWAN, M.U. ULLAH, S. TALIB, **A. Kashuri**, “Some integral inequalities for n -polynomial ζ -preinvex functions”, JOURNAL OF FUNCTION SPACES Vol. 2021, (2021), Article ID 6697729, 9 pp.
434. D. Baleanu, **A. Kashuri**, P.O. Mohammed, B. Meftah, “General Raina fractional integral inequalities on coordinates of convex functions”, ADVANCES IN DIFFERENCE EQUATIONS Vol. 2021, (2021), 82.
433. **A. Kashuri**, S. Iqbal, R. Liko, M. Samraiz, T. Abdeljawad, “New trapezium type inequalities of coordinated distance-disturbed convex type functions of higher orders via extended Katugampola fractional integrals”, ADVANCES IN DIFFERENCE EQUATIONS Vol. 2021, (2021), 120.
432. M.A. Alqudah, **A. Kashuri**, P.O. Mohammed, M. Raees, T. Abdeljawad, M. Anwar, Y.S. Hamed, “On modified convex interval valued functions and related inclusions via the interval valued generalized fractional integrals in extended interval space”, AIMS MATHEMATICS Vol. 6 (2021), No. 5, 4638–4663.
431. P.O. Mohammed, M.A. Alqudah, Y.S. Hamed, **A. Kashuri**, K.M. Abualnaja, “Solving the modified regularized long wave equations via higher degree B -spline algorithm”, JOURNAL OF FUNCTION SPACES Vol. 2021, (2021), Article ID 5580687, 10 pp.
430. **A. Kashuri**, M. Raees, M. Anwar, “Some integral inequalities for approximately h -convex functions and their applications”, PROYECCIONES Vol. 40 (2021), No. 2, 481-504.
429. **A. Kashuri**, B. Meftah, P.O. Mohammed, “Some weighted Simpson type inequalities for differentiable s -convex functions and their applications”, JOURNAL OF FRACTIONAL CALCULUS AND NONLINEAR SYSTEMS, Vol. 1 (2021), No. 1, pp. 75-94.
428. P.O. Mohammed, H. Aydi, **A. Kashuri**, Y.S. Hamed, K.M. Abualnaja, “Midpoint inequalities in fractional calculus defined using positive weighted symmetry function kernels”, SYMMETRY Vol. 13 (2021), Issue 4, Article 550.
427. **A. Kashuri**, R. Liko, M.A. Ali, H. Budak, *New estimates of Gauss-Jacobi and trapezium type inequalities for strongly (h_1, h_2) -preinvex mappings via general fractional integrals*, INTERNATIONAL JOURNAL OF NONLINEAR ANALYSIS AND APPLICATIONS Vol. 12 (2021), No. 1, 979-996.

426. H. Budak, C.C. Bilişik, **A. Kashuri**, M.A. Ali, “Hermite-Hadamard type inequalities for the interval-valued harmonically h -convex functions via fractional integrals”, APPLIED MATHEMATICS E-NOTES Vol. 21 (2021), 12-32.
425. M.J. Vivas-Cortez, **A. Kashuri**, S.I. Butt, M. Tariq, J. Nasir, “Exponential type p -convex function with some related inequalities and their applications”, APPLIED MATHEMATICS & INFORMATION SCIENCES Vol. 15 (2021), No. 3, 253-261.
424. **A. Kashuri**, M.V. Mihai, M.U. Awan, M.A. Noor, K.I. Noor, “New integral inequalities for strongly nonconvex functions involving Raina function”, FILOMAT Vol. 35 (2021), No. 7, 2437-2456.
423. P.O. Mohammed, C.S. Ryo, **A. Kashuri**, Y.S. Hamed, K.M. Abualnaja, “Some Hermite-Hadamard and Opial dynamic inequalities on time scales”, JOURNAL OF INEQUALITIES AND APPLICATIONS Vol. 2021(89), (2021), 11 pp.
422. J. Wang, S.I. Butt, **A. Kashuri**, M. Tariq, “New integral inequalities using exponential type convex functions with applications”, AIMS MATHEMATICS Vol. 6 (2021), No. 7, 7684-7703.
421. M.A. Alqudah, **A. Kashuri**, P.O. Mohammed, T. Abdeljawad, M. Raees, M. Anwar, Y.S. Hamed, “Hermite-Hadamard integral inequalities on coordinated convex functions in quantum calculus”, ADVANCES IN DIFFERENCE EQUATIONS Vol. 2021, (2021), 264.
420. **A. Kashuri**, S.I. Butt, J. Nasir, *Hermite-Hadamard type inequalities via new exponential type convexity and their applications*, FILOMAT Vol. 35 (2021), No. 6, 1803-1822.
419. **A. Kashuri**, B. Meftah, P.O. Mohammed, A.L. Alina, B.A. Abdalla, Y.S. Hamed, T. Abdeljawad, “Fractional weighted Ostrowski-type inequalities and their applications”, SYMMETRY Vol. 13 (2021), Issue 6, Article 968.
418. **A. Kashuri**, G. Farid, E. Set, “New generalized trapezoidal type integral inequalities with applications”, JOURNAL OF APPLIED ANALYSIS Vol. 27 (2021), No. 1, 35-46.
417. M.J. Vivas-Cortez, M.A. Ali, A. Kashuri, H. Budak, “Generalizations of fractional Hermite-Hadamard-Mercer like inequalities for convex functions”, AIMS MATHEMATICS Vol. 6 (2021), No. 9, pp. 9397-9421.
416. Y.-Q. Song, S.I. Butt, **A. Kashuri**, J. Nasir, M. Nadeem, “New fractional integral inequalities pertaining 2D-approximately coordinate (r_1, h_1) - (r_2, h_2) -convex functions”, ALEXANDRIA ENGINEERING JOURNAL Vol. 61 (2021), No. 1, 563-573.
415. **A. Kashuri**, M. Raees, M. Anwar, *New integral inequalities involving m -convex functions in (p,q) -calculus*, TBILISI MATHEMATICAL JOURNAL Vol. 14 (2021), No. 3, 19-40.
414. **A. Kashuri**, *Hermite-Hadamard type inequalities for the ABK-fractional integrals*, JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS Vol. 29 (2021), No. 2, 309-326.

413. H.M. Srivastava, **A. Kashuri**, P.O. Mohammed, D. Baleanu, Y. S. Hamed, “Fractional integral inequalities for exponentially nonconvex functions and their applications”, *FRACTAL AND FRACTIONAL* Vol. 5 (2021), Issue 3, Article 80.
412. H.M. Srivastava, **A. Kashuri**, P.O. Mohammed, A.M. Alsharif, J.L.G. Guirao, “New Chebyshev type inequalities via a general family of fractional integral operators with a modified Mittag-Leffler kernel”, *AIMS MATHEMATICS* Vol. 6 (2021), Issue 10, 11167-11186.
411. E. Set, **A. Kashuri**, İ. Mumcu, “Chebyshev type inequalities by using generalized proportional Hadamard fractional integrals via Polya–Szegő inequality with applications”, *CHAOS, SOLITONS & FRACTALS*, Vol. 146 (2021), Article 110860.
410. **A. Kashuri**, “New integral inequalities pertaining convex functions and their applications”, *MATEMATICHKI BILTEN* Vol. 45 (2021), No. 1, 23-34.
409. **A. Kashuri**, H. Budak, R. Liko, M.A. Ali, K. Özçelik, “On generalized fractional integral inequalities for functions of bounded variation with two variables”, *MATEMATICHKI BILTEN* Vol. 45 (2021), No. 1, 49-69.
408. B. Meftah, **A. Kashuri**, “New integral inequalities for preinvex functions via Caputo fractional derivatives”, *MATEMATICHKI BILTEN* Vol. 45 (2021), No. 2, 95-106.
407. **A. Kashuri**, E.R. Nwaeze, R. Liko, Some new estimates using generalized quantum Montgomery identity via strongly preinvex functions of higher order, *MATEMATICHKI BILTEN* Vol. 45 (2021), No. 2, 127-142.
406. M. Samraiz, M. Umer, **A. Kashuri**, T Abdeljawad, S. Iqbal, N. Mlaiki, “On weighted (k, s) -Riemann-Liouville fractional operators and solution of fractional kinetic equation”, *FRACTAL AND FRACTIONAL* Vol. 5 (2021), Issue 3, Article 118.
405. S.I. Butt, M. Umar, K.A. Khan, **A. Kashuri**, H. Emadifar, “Fractional Hermite-Jensen-Mercer integral inequalities with respect to another function and application”, *COMPLEXITY* Vol. 2021, (2021), Article ID 9260828, 30 pp.
404. **A. Kashuri**, M.U. Awan, S. Talib, M.A. Noor, K.I. Noor, “On exponentially p -preinvex functions and associated trapezium like inequalities”, *APPLICABLE ANALYSIS AND DISCRETE MATHEMATICS* (2021), 20 pp.
403. **A. Kashuri**, R. Liko, “Different type parameterized inequalities via generalized integral operators with applications”, *STUDIA UNIVERSITATIS BABES-BOLYAI MATHEMATICA*, Vol. 66 (2021), No. 3, 423-440.
402. S.I. Butt, **A. Kashuri**, M. Nadeem, “Generalized integral inequalities for convex functions on the co-ordinates”, *TBILISI MATHEMATICAL JOURNAL*, Vol. 14 (2021), No. 3, 81-94.
401. H.M. Srivastava, **A. Kashuri**, P.O. Mohammed, K. Nonlaopon, “Certain inequalities pertaining to some new generalized fractional integral operators”, *FRACTAL AND FRACTIONAL* Vol. 5 (2021), Issue 4, Article 160, 21 pp.
400. M.J. Vivas-Cortez, M.U. Awan, S. Talib, **A. Kashuri**, M.A. Noor, “Some new post-quantum integral inequalities involving twice (p, q) -differentiable ψ -preinvex functions and applications”, *AXIOMS* Vol. 10 (2021), Issue 4, Article 283, 19 pp.

399. M.R. Delavar, **A. Kashuri**, M. De La Sen, *On Weighted Simpson's 3/8 rule*, SYMMETRY Vol. 13 (2021), Issue 10, Article 1933.
398. M.J. Vivas-Cortez, M.U. Awan, M.Z. Javed, **A. Kashuri**, M.A. Noor, K.I. Noor, "Some new generalized k -fractional Hermite-Hadamard-Mercer type integral inequalities and their applications", AIMS MATHEMATICS Vol. 7 (2021), No. 2, 3203-3220.
397. **A. Kashuri**, T.M. Rassias, "Some new inequalities for convex functions via generalized integral operators and their applications", MATHEMATICA Vol. 63 (2021), No. 2, 268-283.
396. M.J. Vivas-Cortez, M.S. Saleem, S. Sajid, M.S. Zahoor, **A. Kashuri**, "Hermite-Jensen-Mercer-type inequalities via Caputo-Fabrizio fractional integral for h -convex function", FRACTAL AND FRACTIONAL Vol. 5 (2021), Article 269, 17 pp.
395. **A. Gjana**, R. Kosova, *Traditional class and online class teaching. Comparing the students performance using ANCOVA*. JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE AND TECHNOLOGY, Vol. 8 (2021), No. 11, 14806-14811.
394. **A. Gjana**, R. Kosova. *The Performance of University Students and High School Factors. Statistical analyses and ANCOVA*. JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE AND TECHNOLOGY. Vol. 8 (2021), No. 12, 11875-11884.
393. **K. Haxhi, E. Llagami, E. Raço, O. Zaçaj**. *Reserving Claims in Two Steps*, SCIENCE AND TECHNOLOGIES: NATURAL AND MATHEMATICAL SCIENCE, Vol. 11 (2021), Issue 2, 14-18.
392. **R. Dervishi, E. Cenaj**, "Example of an accident reconstruction with Virtual Crash Software and the mathematical simulation of this accident situation at intersection", MATHEMATICAL MODELLING" INTERNATIONAL SCIENTIFIC JOURNAL, Vol. 5 (2021), Issue 1, pp. 46-47.
391. **R. Dervishi, E. Cenaj**, "Traffic accident characteristics of Albania and their prediction using Bayesian Approach", INTERNATIONAL SCIENTIFIC JOURNAL "TRANS MOTAUTO WORLD", Vol 6 (2021), Issue 4, pp. 151-153.
390. **E. Xhafaj**, D. Halidini Qendraj, A. Xhafaj, E. Halidini "Analysis and Evaluation of Factors Affecting the Use of Google Classroom in Albania: A Partial Least Squares Structural Equation Modelling Approach", MATHEMATICS AND STATISTICS 9 (2021), No. 2, 112-126.
389. D. Halidini Qendraj, **E. Xhafaj**, A. Xhafaj, E. Halidini "Ranking the Most Important Attributes of using Google Classroom in online Teaching for Albanian Universities: A Fuzzy AHP Method with Triangular Fuzzy Numbers and Trapezoidal Fuzzy Numbers", ADVANCES IN SCIENCE, TECHNOLOGY AND ENGINEERING SYSTEMS JOURNAL Vol. 6 (2021), No. 1, 297-308.
388. B. Kosta, D. Halidini Qendraj, **E. Xhafaj**, E. Halidini. *Determining the factors that*

most influence the teacher-pupil communication for the primary school grades 1-5 in Albania by using the Fuzzy AHP method, JOURNAL OF MATHEMATICS AND STATISTICAL SCIENCE, Vol. 7 (2021), Issue 4, 128-144.

387. **S. Tola, A. Daci.** “An approach of Feature Techniques using Warped frequencies”, INTERNATIONAL SCIENTIFIC JOURNAL, MATHEMATICAL MODELING, Vol. V (2021), No. 2, 52-54.
386. **S. Tola, A. Daci.** “Comparing the Effectiveness/Robustness of Gammatone and LP Methods with the direct use of FFT”, INTERNATIONAL SCIENTIFIC JOURNAL, INDUSTRY 4.0, Vol. VI (2021), No. 2, 60-62.
385. **S. Tola, A. Daci.** “Evaluating the WER for different Extraction Methods”, INTERNATIONAL SCIENTIFIC JOURNAL, INDUSTRY 4.0”, Vol. VI (2021), no. 3, 100-101.
384. **A. Daci, S. Tola.** ‘Logistic equation for the study of COVID – 19 in Albania; MATHEMATICAL MODELING, Vol. 5 (2021), Issue 2, pp. 78-82.
383. **R. Dervishi,** J. Kasharaj, I. Kondi, "Estimating of Road Accidents During the COVID-19 Pandemic Year in Albania", INTERNATIONAL JOURNAL OF ECOSYSTEMS AND ECOLOGY SCIENCE, Vol. 11(2021), Issue 3, pp. 489-494.
382. **A. Gjana, S. Kovaçi.** The correlation analysis of the daily Covid-19 new cases data series in Albania, JOURNAL OF PHYSICS: CONFERENCE SERIES, 2090 (2021) 012019.
381. **A. Gjana, S. Kovaçi.** “General properties of exchange rate of national money versus some foreign currencies in Albania”, JOURNAL OF PHYSICS: CONFERENCE SERIES, 2090 (2021) 012153.
380. E. Hida, **Zh. Muka,** “Contamination effects in photosynthetic pigments and their statistical data processing of populus plants in metalurgically area”, INTERNATIONAL JOURNAL ON ENGINEERING, SCIENCE AND TECHNOLOGY, Vol. 3 (2021), no. 2, 165-175.
379. **A. Peposhi,** Th. Xhillari, Some Characterizations of Ternary Semigroups by Bi-Ideals, INTERNATIONAL JOURNAL OF ALGEBRA, Vol. 15 (2021), no. 1, 1-10.

2020

378. W. Khan, **K. Hila,** Fuzzy congruences of non-associative fuzzy hypergroupoids, JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, Vol. 39 (2020), No. 3, pp. 4197-4209.
377. N. Rehman, A. Ali, **K. Hila,** Soft dominance based multigranulation decision theoretic rough sets and their applications in conflict problems, ARTIFICIAL INTELLIGENCE REVIEW Vol. 53 (2020), No. 8, 6079-6110.
376. M.Y. Abbasi, **K. Hila,** S.A. Khan and A.F. Talee, Characterizations of Γ -hyperideals in ordered Γ -semihypergroups by soft sets, AFRIKA MATEMATIKA Vol. 31 (2020), 847-867.

375. A. Ali, N. Rehman, **K. Hila**, Note on “Fuzzy multi-granulation decision-theoretic rough sets based on fuzzy preference relation”, *SOFT COMPUTING*, Vol. 24(2020), 12357–12360.
374. M. Khan, S. Anis, **K. Hila** Semilattice decompositions of locally associative Γ -AG** -groupoids, *MATEMATIČKI VESNIK*, 72, 3 (2020), 273–280.
373. F. Yousafzai, M-u-I. Khan, K.P. Shum, **K. Hila**, Congruences induced by certain relations on AG** -groupoids, *UPB SCIENTIFIC BULLETIN, SERIES A: APPLIED MATHEMATICS AND PHYSICS* Vol. 82 (2020), no. 2, 83-100.
372. **A. Kashuri**, S. Araci, “Integral inequalities for the strongly generalized nonconvex functions”, *APPLIED MATHEMATICS & INFORMATION SCIENCES* Vol. 14 (2020), No. 2, 243-248.
371. **A. Kashuri**, T.M. Rassias, “Fractional trapezium-type inequalities for strongly exponentially generalized preinvex functions with applications”, *APPLICABLE ANALYSIS AND DISCRETE MATHEMATICS*, Vol. 14 (2020), No. 3, 560-578.
370. G. Anastassiou, **A. Kashuri**, R. Liko, “Fractional integral inequalities for generalized- m - $\left((h_1^p, h_2^q); (\eta_1, \eta_2)\right)$ -convex mappings via an extended generalized Mittag–Leffler function”, *ARABIAN JOURNAL OF MATHEMATICS* Vol. 9 (2020), 231-243.
369. M.J. Vivas-Cortez, **A. Kashuri**, R. Liko, J.E. Hernández-Hernández, “Quantum trapezium-type inequalities using generalized ϕ -convex functions”, *AXIOMS* Vol. 9 (2020), Issue 1, 12 pp.
368. **A. Kashuri**, R. Liko, “Hermite-Hadamard type fractional integral inequalities for products of two $MT_{(r,g,m,\phi)}$ -preinvex functions”, *PROYECCIONES*, Vol. 39 (2020), No. 1, 227-250.
367. **A. Kashuri**, T.M. Rassias, New Hermite-Hadamard-Fejér inequalities via k -fractional integrals for differentiable generalized nonconvex functions, *FILOMAT* Vol. 34 (2020), No. 8, 2549-2558.
366. **A. Kashuri**, R. Liko, T. Du, “Some new Ostrowski type inequalities via Caputo k -fractional derivatives concerning $(n+1)$ -differentiable generalized relative semi- $(r; m, p, q, h_1, h_2)$ -preinvex mappings”, *PALESTINE JOURNAL OF MATHEMATICS* Vol. 9 (2020), No. 1, 436-455.
365. D. Zhao, M.A. Ali, **A. Kashuri**, H. Budak, Generalized fractional integral inequalities of Hermite-Hadamard type for harmonically convex functions, *ADVANCES IN DIFFERENCE EQUATIONS* Vol. 137 (2020), Issue 14.
364. M.J. Vivas-Cortez, **A. Kashuri**, R. Liko, J.E. Hernandez-Hernández, “Some new q -integral inequalities using generalized quantum Montgomery identity via preinvex functions”, *SYMMETRY* Vol. 12 (2020), Issue 4, Article 553.
363. **A. Kashuri**, R. Liko, “Generalized trapezoidal type integral inequalities and their applications”, *THE JOURNAL OF ANALYSIS*, Vol. 28 (2020), 1023-1043.

362. **A. Kashuri**, M. Raees, M. Anwar, G. Farid, “On some Ostrowski type inequalities on fractal sets via generalized strongly m -convex mappings”, ANALELE UNIVERSITĂȚII DIN ORADEA - FASCICOLA MATEMATICĂ, Vol. 27 (2020), No. 2, 81-100.
361. **A. Kashuri**, M.U. Awan, M.A. Noor, “Fractional integral identity, estimation of its bounds and some applications to trapezoidal quadrature rule”, FILOMAT Vol. 34 (2020), No. 8, 2629-2641.
360. M.A. Ali, J. Napoles, **A. Kashuri**, Z. Zhang, “Fractional non conformable Hermite-Hadamard inequalities for generalized φ -convex functions”, FASCICULI MATEMATICI Vol. 64 (2020), 5-16.
359. M.J. Vivas-Cortez, **A. Kashuri**, C. Garcia, J.E. Hernández-Hernández, Hermite-Hadamard type mean square integral inequalities for stochastic processes whose twice mean square derivative are generalized η -convex, APPLIED MATHEMATICS & INFORMATION SCIENCES, Vol. 14 (2020), No. 3, 493-502.
358. **A. Kashuri**, S. Iqbal, R. Liko, W. Gao, M. Samraiz, “Integral inequalities for s -convex functions via generalized conformable fractional integral operators”, ADVANCES IN DIFFERENCE EQUATIONS, Vol. 217 (2020), Issue 20.
357. **A. Kashuri**, “Sharp inequality of three points Gauss-Legendre quadrature rule”, PROYECCIONES Vol. 39 (2020), No. 3, 639-649.
356. **A. Kashuri**, R. Liko, “Hermite-Hadamard type inequalities via k -fractional integrals concerning differentiable generalized η -convex mappings”, ACTA ET COMMENTATIONES UNIVERSITATIS TARTUENSIS DE MATHEMATICA Vol. 24 (2020), No. 1, 19-35.
355. **A. Kashuri**, R. Liko, “On Fejér type inequalities for convex mappings utilizing generalized fractional integrals”, APPLICATIONS AND APPLIED MATHEMATICS Vol. 15 (2020), No. 1, 240–255.
354. S.I. Butt, **A. Kashuri**, M. Umar, A. Aslam, W. Gao, “Hermite-Jensen-Mercer type inequalities via Ψ -Riemann-Liouville k -fractional integrals”, AIMS MATHEMATICS Vol. 5 (2020), No. 5, 5193-5220.
353. M.J. Vivas-Cortez, **A. Kashuri**, J.E. Hernández-Hernández, “Trapezium-type inequalities for Raina's fractional integrals operator using generalized convex functions”, SYMMETRY Vol. 12 (2020), Issue 6.
352. M. Kunt, **A. Kashuri**, T. Du, A.W. Baidar, “Quantum Montgomery identity and quantum estimates of Ostrowski type inequalities”, AIMS MATHEMATICS, Vol. 5 (2020), No. 6, 5439-5457.
351. **A. Kashuri**, M.U. Awan, M.A. Noor, M.V. Mihai, R. Liko, “Some new Hermite-Hadamard type inequalities via k -fractional integrals pertaining differentiable generalized relative semi- m - $(r; h_1, h_2)$ -preinvex mappings and their applications”, APPLIED MATHEMATICS E – NOTES Vol. 20 (2020), 278-296.

350. J.E. Nápoles Valdes, P.M. Guzmán, L.M. Lugo, **A. Kashuri**, “The local generalized derivative and Mittag-Leffler function”, SIGMA JOURNAL OF ENGINEERING & NATURAL SCIENCES, Vol. 38 (2020), No. 2, 1007-1017.
349. **A. Kashuri**, R. Liko, “Fractional trapezium type inequalities for twice differentiable preinvex functions and their applications”, INTERNATIONAL JOURNAL OF OPTIMIZATION AND CONTROL THEORIES & APPLICATIONS Vol. 10 (2020), No. 2, 226-236.
348. I.M.E. Set, **A. Kashuri**, “Chebyshev type inequalities involving generalized proportional fractional integral operators”, TRANSYLVANIAN JOURNAL OF MATHEMATICS AND MECHANICS Vol. 12 (2020), No. 1, 27-35.
347. T. Abdeljawad, P.O. Mohammed, **A. Kashuri**, “New modified conformable fractional integral inequalities of Hermite–Hadamard type with applications”, JOURNAL OF FUNCTION SPACES Vol. 2020, (2020), Article ID 4352357, 14 pp.
346. **A. Kashuri**, M. Kunt, “Fractional inequalities for exponentially generalized (m, ω, h_1, h_2) -preinvex functions with applications”, FRACTIONAL DIFFERENTIAL CALCULUS, Vol. 10 (2020), No. 1, 79-92.
345. M.U. Awan, N. Akhtar, **A. Kashuri**, M.A. Noor, Y.-M. Chu, “ $2D$ approximately reciprocal p -convex functions and associated integral inequalities”, AIMS MATHEMATICS Vol. 5 (2020), No. 5, 4662–4680.
344. **A. Kashuri**, M.A. Ali, M. Abbas, H. Budak, M.Z. Sarikaya, “Fractional integral inequalities for generalized convexity”, TBILISI MATHEMATICAL JOURNAL, Vol. 13 (2020), No. 3, 63-83.
343. M.U. Awan, S. Talib, **A. Kashuri**, M.A. Noor, Y.M. Chu, “Estimates of quantum bounds pertaining to new q -integral identity with applications”, ADVANCES IN DIFFERENCE EQUATIONS Vol. 220(424) (2020).
342. W. Gao, **A. Kashuri**, S.I. Butt, M. Tariq, A. Aslam, M. Nadeem, “New inequalities via n -polynomial harmonically exponential type convex functions”, AIMS MATHEMATICS Vol. 5 (2020), No. 6, 6856-6873.
341. M.J. Vivas-Cortez, M.A. Ali, **A. Kashuri**, I.B. Sial, Z. Zhang, “Some new Newton’s type integral inequalities for coordinated convex functions in quantum calculus”, SYMMETRY Vol. 12 (2020), Issue 9, Article 1476.
340. P.O. Mohammed, T. Abdeljawad, S.D. Zeng, **A. Kashuri**, “Fractional Hermite-Hadamard integral inequalities for a new class of convex functions”, SYMMETRY, Vol. 12 (2020), Issue 9, Article 1485.
339. H. Kalsoom, M. Idrees, **A. Kashuri**, M.U. Awan, Y.-M. Chu, “Some new $(p_1 p_2, q_1 q_2)$ -estimates of Ostrowski-type integral inequalities via n -polynomials s -type convexity”, AIMS MATHEMATICS Vol. 5 (2020), No. 6, 7122-7144.
338. P.O. Mohammed, T. Abdeljawad, **A. Kashuri**, Fractional Hermite-Hadamard-Fejér inequalities for a convex function with respect to an increasing function involving a

positive weighted symmetric function, SYMMETRY Vol. 12 (2020), Issue 9, Article 1503.

337. D. Zhao, M.A. Ali, **A. Kashuri**, H. Budak, M.Z. Sarikaya, “Hermite–Hadamard-type inequalities for the interval-valued approximately h -convex functions via generalized fractional integrals”, JOURNAL OF INEQUALITIES AND APPLICATIONS Vol. 2020(222), (2020).
336. S.I. Butt, **A. Kashuri**, M. Tariq, J. Nasir, A. Aslam, W. Gao, “Hermite-Hadamard-type inequalities via n -polynomial exponential-type convexity and their applications”, ADVANCES IN DIFFERENCE EQUATIONS, Vol. 220(508) (2020).
335. S.I. Butt, **A. Kashuri**, M. Nadeem, A. Aslam, W. Gao, “Approximately two-dimensional harmonic (p_1, h_1) - (p_2, h_2) -convex functions and related integral inequalities”, JOURNAL OF INEQUALITIES AND APPLICATIONS Vol. 2020(230), (2020).
334. M.J. Vivas-Cortez, **A. Kashuri**, R. Liko, J.E. Hernández-Hernández, “Trapezium-type inequalities for an extension of Riemann-Liouville fractional integrals using Raina's special function and generalized coordinate convex functions”, AXIOMS Vol. 9 (2020), Issue 4, Article 117.
333. **A. Kashuri**, S. Iqbal, I. Saad, S.I. Butt, J. Nasir, K.S. Nisar, T. Abdeljawad, “Trapezium-type inequalities for k -fractional integral via new exponential-type convexity and their applications”, JOURNAL OF MATHEMATICS, Vol. 2020, (2020), Article ID 8672710, 12.
332. T. Abdeljawad, M.A. Ali, P.O. Mohammed, **A. Kashuri**, “On inequalities of Hermite-Hadamard-Mercer type involving Riemann-Liouville fractional integrals”, AIMS MATHEMATICS Vol. 6 (2020), No. 1, 712-725.
331. M.J. Vivas-Cortez, **A. Kashuri**, J.E. Hernández-Hernández, “On φ -convex stochastic processes and integral inequalities related”, APPLIED MATHEMATICS & INFORMATION SCIENCES Vol. 14 (2020), No. 6, 947-956.
330. S. Iqbal, M. Aamir, M. Samraiz, **A. Kashuri**, M. Asif, Fractional Hermite-Hadamard inequalities for twice differentiable geometric-arithmetically s -convex functions, JOURNAL OF MATHEMATICAL ANALYSIS, Vol. 11 (2020), No. 5, 13-31.
329. S.I. Butt, **A. Kashuri**, M. Tariq, J. Nasir, A. Aslam, W. Gao, n -polynomial exponential type p -convex function with some related inequalities and their applications”, HELIYON Vol. 6 (2020), No. 11, 1-9.
328. M.U. Awan, S. Talib, **A. Kashuri**, M.A. Noor, K.I. Noor, Y.-M. Chu, A new q -integral identity and estimation of its bounds involving generalized exponentially μ -preinvex functions, ADVANCES IN DIFFERENCE EQUATIONS, Vol. 220(575) (2020).
327. **A. Kashuri**, P.O. Mohammed, T. Abdeljawad, F. Salh, Y.-M. Chu, New Simpson type integral inequalities for s -convex functions and their applications, MATHEMATICAL PROBLEMS IN ENGINEERING, Vol. 2020, (2020), Article ID 8871988, 12 pp.

326. H. Budak, P. Kösem, **A. Kashuri**, “New inequalities for F -convex functions pertaining generalized fractional integrals”, *MATHEMATICA MORAVICA*, Vol. 24 (2020), No. 2, 117-131.
325. P.O. Mohammed, T. Abdeljawad, D. Baleanu, **A. Kashuri**, F. Salh, P. Agarwal, “New fractional inequalities of Hermite-Hadamard type involving the incomplete gamma functions”, *JOURNAL OF INEQUALITIES AND APPLICATIONS* Vol. 2020(263), (2020).
324. H. Budak, M.Z. Sarikaya, **A. Kashuri**, “On weighted generalization of Opial type inequalities in two variables”, *THE KOREAN JOURNAL OF MATHEMATICS*, Vol. 28 (2020), No. 4, 717-737.
323. E.R. Nwaeze, **A. Kashuri**, “Some novel inequalities involving a function's fractional integrals in relation to another function through generalized quasiconvex mappings”, *FILOMAT* Vol. 34 (2020), No. 10, 3349-3360.
322. B. Meftah, **A. Kashuri**, Some new type integral inequalities for approximately harmonic h -convex functions, *MATEMATICHKI BILTEN* Vol. 44 (2020), No. 1, pp. 13-36.
321. **A. Kashuri**, M.A. Ali, M. Abbas, “Some new integral inequalities for p -convex functions”, *MATEMATICHKI BILTEN* Vol. 44 (2020), No. 2, 119-129.
320. **A. Kashuri**, M.Z. Sarikaya, “New inequalities for local fractional integrals pertaining generalized strongly convex mappings”, *MATEMATICHKI BILTEN* Vol. 44 (2020), No. 2, 91-106.
319. **A. Kashuri**, R. Liko, T. Du, “Some new Ostrowski type inequalities via Caputo k -fractional derivatives concerning $(n+1)$ -differentiable generalized relative semi- $(r; m, p, q, h_1, h_2)$ -preinvex mappings”, *PALESTINE JOURNAL OF MATHEMATICS* Vol. 9 (2020), No. 1, 436-455.
318. M.A. Ali, J. Napoles, **A. Kashuri**, Z. Zhang, “Fractional non conformable Hermite-Hadamard inequalities for generalized φ -convex functions”, *FASCICULI MATHEMATICI*, Vol. 64 (2020), 5-16.
317. **A. Fundo**, **A. Kashuri**, “Fractional trapezium-type inequalities for strongly exponentially generalized preinvex functions with applications”, *FASCICULI MATHEMATICI*, Vol. 64 (2020), 57-76.
316. **A. Kashuri**, M.A. Ali, M. Abbas, M. Toseef, “Some new inequalities for generalized convex functions pertaining generalized fractional integral operators and their applications”, *JOURNAL OF APPLIED MATHEMATICS, STATISTICS AND INFORMATICS*, Vol 17 (2021), No. 1, 37-64.
315. **K. Haxhi**. *MTPL Claims Uncertainty in the Chain Ladder Method*, *KNOWLEDGE INTERNATIONAL JOURNAL: KNOWLEDGE IN PRACTICE*, Vol. 43 (2020), No. 5, pp.1131-1136.

314. D. Prenga, **S. Kovaci**, E. Kushta, “An econo-physics view on the historical dynamics of the Albanian currency vs. Euro exchange rates”, ACTA UNIVERSITATIS DANUBIUS. Vol 16 (2020), No. 1, pp. 238-251.
313. V. Bame, **L. Hanelli**. "An Efficient and Accurate Hybrid Method for 1-D Wave Problem with Non-Classical Boundary Conditions", INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN ENGINEERING & MANAGEMENT, Vol. 7 (2020), No. 1, 1-5.
312. **A. Peposhi**, *Characterization of ternary semigroups by quasi-ideals*, JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE AND TECHNOLOGY, Vol. 7 (2020), No. 12, 13094-13098.
311. **A. Peposhi**, "A Note on Ideals and Regularity in Ternary Semigroups", INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN ENGINEERING & MANAGEMENT, Vol. 7(2020), No. 6, 78-81.

2019

310. K. Naka, **K. Hila**, S. Onar, B.A. Ersoy, “Study of Γ -hyperrings by fuzzy hyperideals with respect to a t -norm ”, ACTA UNIVERSITATIS SAPIENTIAE, MATHEMATICA, Vol. 11(2019), No. 2, 306-331.
309. S. Abdullah, **K. Hila**, **Sh. Kuka**, "Semihypergroups characterized by generalized fuzzy bi-hyperideals", FUZZY INFORMATION AND ENGINEERING 11 (2019), No. 2, 127–148.
308. S. Omid, B. Davvaz, **K. Hila**, “Characterizations of regular and intra-regular ordered Γ -semihypergroups in terms of bi- Γ -hyperideals”, CARPATHIAN MATHEMATICAL PUBLICATIONS Vol. 11 (2019), No. 1, 136-151.
307. T. Asif, F. Yousafzai, A. Khan, **K. Hila**, *Ideal theory in ordered AG-groupoids based on double framed soft sets*, JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING, 33 (2019), 27–49.
306. A. Khan, M. Izhar, **K. Hila**, *On algebraic properties of DFS sets and its application in decision making problems*, JOURNAL OF INTELLIGENT AND FUZZY SYSTEMS, 36 (2019), no. 6, 6265–6281.
305. A. Ali, M.I. Ali, N. Rehman, **K. Hila**, *Soft ordered approximations and incomplete informations systems*, JOURNAL OF INTELLIGENT AND FUZZY SYSTEMS, 36 (2019), No. 6, 5653–5667.
304. A.F. Talee, M.Y. Abbasi, S.A. Khan, **K. Hila**, *Fuzzy set approach to hyperideal theory of po-ternary semihypergroups*, JOURNAL OF DISCRETE MATHEMATICAL SCIENCES & CRYPTOGRAPHY, Vol. 22 (2019), No. 3, 411–431.
303. **K. Hila**, S. Abdullah, K. Naka, *Study on quasi- Γ -hyperideals in Γ -semihypergroups*, ASIAN-EUROPEAN JOURNAL OF MATHEMATICS, 12 (2019), no. 2, 1950030, 14 pp.
302. G. Anastassiou, **A. Kashuri**, R. Liko, *Local fractional integrals involving generalized*

strongly m -convex mappings, ARABIAN JOURNAL OF MATHEMATICS Vol. 8 (2019), 95-107.

301. **A. Kashuri**, R. Liko, *Some different type integral inequalities pertaining generalized relative semi- m - $(r; h_1, h_2)$ -preinvex mappings and their applications*, ELECTRONIC JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS Vol. 7 (2019), No. 1, 351-373.
300. M.A. Khan, Y.-M. Chu, **A. Kashuri**, R. Liko, “*Hermite-Hadamard type fractional integral inequalities for $MT_{(r;g,m,\varphi)}$ -preinvex functions*”, JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS Vol. 26 (2019), No. 8, 1487-150.
299. C. Luo, T. Du, M.A. Khan, **A. Kashuri**, Y. Shen, *Some k -fractional integrals inequalities through generalized for φ - m -MT preinvexity*, JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS Vol. 27 (2019), No. 4, 690-705.
298. **A. Kashuri**, R. Liko, S.S. Dragomir, “*New generalized integral inequalities with applications*”, AIMS MATHEMATICS Vol. 4 (2019), No. 3, 984–996.
297. **A. Kashuri**, R. Liko, T. Du, “*Some new Ostrowski type fractional integral inequalities for beta (r, g) -preinvex functions via Caputo k -fractional derivatives*”, MATEMATICHKI BILTEN, Vol. 43 (2019), No. 1, 49-66.
296. **A. Kashuri**, R. Liko, “*Some new Hermite-Hadamard type inequalities via k -fractional integrals concerning differentiable generalized- m - $((h_1^p, h_2^q); (\eta_1, \eta_2))$ -convex mappings*”, FRACTIONAL DIFFERENTIAL CALCULUS, Vol. 9 (2019), No. 1, 91-108.
295. M.V. Mihai, M.U. Awan, M.A. Noor, T. Du, **A. Kashuri**, K.I. Noor, “*On extended general Mittag-Leffler functions and certain inequalities*”, FRACTAL AND FRACTIONAL Vol. 3 (2019), Issue 2, Article 32.
294. **A. Kashuri**, R. Liko, “*Some new Ostrowski type fractional integral inequalities for generalized relative semi- $(r; m, h)$ -preinvex mappings via Caputo k -fractional derivatives*”, PROYECCIONES Vol. 38 (2019), No. 2, 363-394.
293. **A. Kashuri**, R. Liko, “*Some new Hermite-Hadamard-Fejér type inequalities via k -fractional integrals concerning differentiable generalized- m - $((h_1^p, h_2^q); (\eta_1, \eta_2))$ -convex mappings*”, BULLETIN OF THE ALLAHABAD MATHEMATICAL SOCIETY, Vol. 34 (2019), No. 1, 1-24.
292. **A. Kashuri**, R. Liko, *Some new Hermite-Hadamard type inequalities and their applications*, STUDIA STUDIA SCIENTIARUM MATHEMATICARUM HUNGARICA Vol. 56 (2019), No. 1, 103-142.
291. **A. Kashuri**, M.A. Khan, R. Liko, “*Some new k -fractional trapezium-like integral inequalities via generalized relative semi- $(r; m, h_1, h_2)$ -preinvex mappings and applications*”, TBILISI MATHEMATICAL JOURNAL Vol. 12 (2019), No. 3, 1-19.

290. **A. Kashuri**, R. Liko, “On some k -fractional integral inequalities of Hermite–Hadamard type for twice differentiable generalized beta (r, g) -preinvex functions”, JOURNAL OF APPLIED ANALYSIS Vol. 25(1) (2019), 14 pp.
289. **A. Kashuri**, R. Liko, “Some new fractional integral inequalities for generalized relative semi- m - $(r; h_1, h_2)$ -preinvex mappings via generalized Mittag-Leffler function”, ARAB JOURNAL OF MATHEMATICAL SCIENCES, Vol. 26 (2019), No. 1/2, pp. 41-55.
288. **A. Kashuri**, M.A. Ali, M. Abbas, H. Budak, *New inequalities for generalized m -convex functions via generalized fractional integral operators and their applications*, INTERNATIONAL JOURNAL OF NONLINEAR ANALYSIS AND APPLICATIONS (IJNAA), Vol. 10 (2019), No. 2, 275-299.
287. M.J. Vivas-Cortez, R. Liko, **A. Kashuri**, J.E. Hernández-Hernández, “New quantum estimates of trapezium-type inequalities for generalized φ -convex functions”, MATHEMATICS, Vol. 7 (2019), Issue 11, Article 1047.
286. M.J. Vivas-Cortez, **A. Kashuri**, R. Liko, J.E. Hernández-Hernández, “Some inequalities using generalized convex functions in quantum analysis”, SYMMETRY Vol. 11 (2019), Issue 11, Article 1402.
285. M.J. Vivas-Cortez, **A. Kashuri**, R. Liko, J.E. Hernández-Hernández, “Quantum estimates of Ostrowski inequalities for Generalized φ -convex functions”, SYMMETRY, Vol. 11 (2019), Issue 12, Article 1513.
284. **A. Kashuri**, R. Liko, S.S. Dragomir, *Some new refinement of Hermite-Hadamard type inequalities and their applications*, TBILISI MATHEMATICAL JOURNAL, Vol. 12 (2019), No. 4, 159-188.
283. **A. Kashuri**, R. Liko, S. Iqbal, “Fractional integral inequalities for composite and k -composite preinvex functions”, FASCICULI MATHEMATICI Vol. 62(2019), 57-79.
282. M.J. Vivas-Cortez, C. Garsia, **A. Kashuri**, J.E. Hernández-Hernández, “New Ostrowski type inequalities for coordinated (s, m) -convex functions in the second sense”, APPLIED MATHEMATICS AND INFORMATION SCIENCES, Vol. 13 (2019), No. 5, 1-9.
281. **R. Datja**, S.G. A.S. Ahmed. "Mathematical modeling and numerical algorithm for diffusion problem over moving domain based direct approach of BEM" SULEYMAN DEMIREL UNIVERSITY BULLETIN. *СДУ хабаршысы*. 2019/1 (48). *SDU bulletin IRSTI* 27.35.45, pp. 179-193.
280. E. Kalluci, F. Hoxha, **B. Preni**: “The parallel implementation of simultaneous methods for finding the polynomial zeros” INTERNATIONAL JOURNAL OF APPLIED PHYSICS AND MATHEMATICS Vol. 9 (2019), No. 2, 111-118.
279. **E. (Llagami) Beliu, K. Haxhi, O. Zacaj**. “Two Variable Reduction Techniques in Studying the Effect of Pollution in the Health of the Population in One of the Industrial Areas”, SCIENCE AND TECHNOLOGIES: NATURAL AND MATHEMATICAL SCIENCE, Vol. IX (2019), No. 2, 15-20.

278. **A. Daci, S. Tola.** “Laplace Transform, Application In Population Growth”, INTERNATIONAL JOURNAL OF RECENT TECHNOLOGY AND ENGINEERING, Vol. 8 (2019), no. 2S4, 954-957.
277. **S. Tola, A. Daci,** G. Zavalani. “Evaluation of Mel and Gammatone Filter Banks Used for Spectral Analysis in Comparison with the Direct use of FFT”, INTERNATIONAL JOURNAL OF RECENT TECHNOLOGY AND ENGINEERING Vol. 8 (2019), no. 2S4, 949-953.
276. **E. Maraj, Sh. Kuka,** “Credit Risk Assessment Using Fuzzy Logic”, JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE AND TECHNOLOGY, Vol. 6 (2019), no. 6, 10239-10242.
275. **E. Maraj, Sh. Kuka, Zh. Muka,** “Application of Fuzzy Logic in Traffic System”, INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN ENGINEERING & MANAGEMENT, Vol. 6 (2019), no. 4, 33-37.
274. **E. Maraj, Sh. Kuka,** “Prediction of Road Accidents using Fuzzy Logic”, JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE AND TECHNOLOGY, Vol. 6 (2019), No. 12, 11245-11248.
273. V. Bame, **L. Hanelli.** "Numerical Solution for Semi Linear Hyperbolic Differential Equations", INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN ENGINEERING & MANAGEMENT, Vol. 6 (2019), no. 4, 28-32.
272. E. Dishmema, **L. Hanelli.** "A SIR Model for Measles Disease Case for Albania", INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN ENGINEERING & MANAGEMENT, Vol. 6 (2019), no. 4, 38-43.
271. V. Bame, **L. Hanelli.** "An Accurate Finite-Difference Method for 1-D Wave Problem Based on a Pre-Concerted Grid", INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN ENGINEERING & MANAGEMENT, Vol. 6 (2019), No. 5, 44-49.

2018

270. **K. Hila,** K. Naka, B. Davvaz. On (k,n) -absorbing hyperideals in Krasner (m,n) -hyperring, QUARTERLY JOURNAL OF MATHEMATICS, 69 (2018), No. 3, 1035–1046.
269. F. Yousafzai, A. Ali, Sh. Haq, **K. Hila,** Non-associative semigroups in terms of semilattices via soft ideals, JOURNAL OF INTELLIGENT & FUZZY SYSTEMS 35 (2018), No. 4, pp. 4837–4847.
268. W. Khan, F. Yousafzai, **K. Hila,** “Congruences and decompositions of AG^{**} -groupoids”, MISKOLC MATHEMATICAL NOTES 19 (2018), No. 2, 931-944.
267. **Sh. Kuka, K. Hila,** K. Naka, Application of L-fuzzy sets in m -ary semigroups, JOURNAL OF INTELLIGENT & FUZZY SYSTEMS 34 (2018), No. 6, 4031-4040.
266. **K. Hila,** S. Kar, **Sh. Kuka,** K. Naka, “Some structure spaces of generalized semirings”, FILOMAT 32 (2018), no. 13, 4461–4472.

265. M. Izhar, A. Khan, **K. Hila**, *Double-framed soft generalized bi-ideals of intra-regular AG-groupoids*, JOURNAL OF INTELLIGENT & FUZZY SYSTEMS 35 (2018), No. 4, 4701–4715.
264. W. Khan, G. Chen, **K. Hila**, “*Sandwich sets and congruences in completely inverse AG** groupoids*”, ITALIAN JOURNAL OF PURE AND APPLIED MATHEMATICS 39(2018), 822-838.
263. S. Onar, S. Yavuz, B.A. Ersoy, **K. Hila**, “*Vague soft modules*”, JOURNAL OF INTELLIGENT AND FUZZY SYSTEMS 34 (2018), No. 4, 2597–2609.
262. N. Yaqoob, M. Gulistan, V. Leoreanu-Fotea, **K. Hila**, “*Cubic hyperideals in LA-semihypergroups*”, JOURNAL OF INTELLIGENT AND FUZZY SYSTEMS 34 (2018), No. 4, 2707–2721.
261. **K. Hila**, S. Abdullah, M. Aslam, “*On fuzzy subsets in Γ -semihypergroup through left operator semihypergroup*”, AFRIKA MATEMATIKA, 29 (7) (2018), 1215-1224.
260. M.Y. Abbasi, A.F. Talee, S.A. Khan, **K. Hila**, “*A hesitant fuzzy set approach to ideal theory in Γ -semigroups*”, ADVANCES IN FUZZY SYSTEMS (LONDON), Volume 2018, Article ID 5738024, 6 pages.
259. V. Amjid, F. Yousafzai, **K. Hila**, *A study of ordered AG-groupoids in terms of semilattices via smallest (fuzzy) ideals*, ADVANCES IN FUZZY SYSTEMS(LONDON), Volume 2018, Article ID 8464295, 8 pages.
258. K. Naka, **K. Hila**, S. Onar, B.A. Ersoy, “*The embedding of an ordered semihypergroup in terms of fuzzy sets*”, SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES 9 (2018), No. 1, 17-22.
257. **A. Kashuri**, R. Liko, “*Hermite-Hadamard type inequalities for generalized (s, m, φ) -preinvex Godunova-Levin functions*”, RAD HAZU, MATEMATIČKE ZNANOSTI, Vol. 22 (534), (2018), 63-75.
256. **A. Kashuri**, R. Liko, “*Hermite-Hadamard type inequalities for generalized (s, m, φ) -preinvex Godunova-Levin functions*”, ITALIAN JOURNAL OF PURE AND APPLIED MATHEMATICS Vol. 39 (2018), 683-700.
255. **A. Kashuri**, R. Liko, “*Hermite-Hadamard type fractional integral inequalities for $MT_{(g,m,\varphi)}$ -preinvex functions*”, PALESTINE JOURNAL OF MATHEMATICS Vol. 7 (2018), No. 1, 307-321.
254. **A. Kashuri**, R. Liko, “*Some new integral inequalities for generalized (s, m, φ) -preinvex Godunova-Levin functions*”, INTERNATIONAL JOURNAL OF ADVANCES IN MATHEMATICS APPLICATIONS Vol. 2018(1), (2018), 134-145.
253. M. Ramosaçaj, **A. Kashuri**, R. Liko, “*Some new Hermite-Hadamard-Fejér type nequalities via k -fractional integrals concerning differentiable generalized relative semi- $(r; m, h_1, h_2)$ -preinvex mappings*”, EUROPEAN JOURNAL OF PURE AND APPLIED MATHEMATICS Vol. 11 (2018), No. 1, 51-68.

252. M.A. Khan, Y.M. Chu, **A. Kashuri**, R. Liko, G. Ali, “Conformable fractional integrals versions of Hermite-Hadamard inequalities and their generalizations”, JOURNAL OF FUNCTION SPACES Vol. 2018, (2018), Article ID 6928130, 9 pp.
251. **A. Kashuri**, R. Liko, T. Du, “Ostrowski type fractional integral operators for generalized beta (r, g) -preinvex functions”, KHAYYAM JOURNAL OF MATHEMATICS Vol. 4 (2018), No. 1, 39-58.
250. **A. Kashuri**, R. Liko, “Some different type integral inequalities concerning twice differentiable generalized relative semi- $(r; m, h)$ -preinvex mappings”, TBILISI MATHEMATICAL JOURNAL Vol. 11 (2018), No. 1, 79-97.
249. Y. Zhang, T. Du, H. Wang, Y.-J. Shen, **A. Kashuri**, “Extensions of different type parameterized inequalities for generalized (m, h) -preinvex mappings via k -fractional integrals”, JOURNAL OF INEQUALITIES AND APPLICATIONS Vol. 2018(49), 30 pp.
248. **A. Kashuri**, R. Liko, T. Du, “Some new Ostrowski type inequalities concerning differentiable generalized relative semi- $(r; m, p, Q, h_1, h_2)$ -preinvex mappings”, TURKISH JOURNAL OF ANALYSIS AND NUMBER THEORY, Vol. 6 (2018), No. 1, 16-29.
247. **A. Kashuri**, R. Liko, “Some k -fractional integral inequalities of Hermite-Hadamard type concerning twice differentiable generalized relative semi- $(r; m, h_1, h_2)$ -preinvex mappings”, COMMUNICATIONS IN OPTIMIZATION THEORY Vol. 2018, (2018), Article ID 6, 1-16.
246. **A. Kashuri**, R. Liko, “Some new Ostrowski type fractional integral inequalities for generalized (s, m, φ) -preinvex functions via Caputo k -fractional derivatives”, PROYECCIONES Vol. 37 (2018), No. 1, 133-151.
245. **A. Kashuri**, R. Liko, M.A. Khan, A. Iqbal, “Some new Hermite-Hadamard type inequalities via conformable fractional integrals concerning twice differentiable generalized relative semi- $(r; m, p, q, h_1, h_2)$ -preinvex mappings”, NONLINEAR FUNCTIONAL ANALYSIS AND APPLICATIONS, Vol. 23 (2018), No. 2, 323-352.
244. **A. Kashuri**, R. Liko, M.A. Khan, “Conformable fractional integral inequalities of Hermite-Hadamard type for twice differentiable generalized beta (r, g) -preinvex functions”, BULLETIN OF THE ALLAHABAD MATHEMATICAL SOCIETY, Vol. 33 (2018), No. 1, 65-95.
243. **A. Kashuri**, R. Liko, “Ostrowski type fractional integral operators for generalized $(r; g, s, m, \varphi)$ -preinvex functions”, STUDIA UNIVERSITATIS BABEȘ-BOLYAI MATHEMATICA, Vol. 63 (2018), No. 2, 155-173.
242. **A. Kashuri**, R. Liko, M.A. Khan, Y.-M. Chu, “Some new Ostrowski type fractional integral inequalities for generalized $(r; s, m, \varphi)$ -preinvex functions via Caputo k -fractional derivatives”, JOURNAL OF FRACTIONAL CALCULUS AND APPLICATIONS Vol. 9 (2018), No. 2, 163-177.
241. A. Iqbal, M.A. Khan, S. Ullah, Y.-M. Chu, **A. Kashuri**, “Hermite-Hadamard type inequalities pertaining conformable fractional integrals and their applications”, AIP ADVANCES Vol. 8 (2018), Article ID 075101, 18 pp.

240. **A. Kashuri**, R. Liko, “New conformable fractional integrals of Ostrowski type using new generalized (s,m,φ) -preinvex mappings”, MOROCCAN JOURNAL OF PURE AND APPLIED ANALYSIS, Vol. 3 (2018), No. 2, 173-185.
239. **A. Kashuri**, R. Liko, “Some new Hermite-Hadamard type fractional integral inequalities to products of two generalized $(r;g,s,m,\varphi)$ -preinvex functions”, MATEMATICHKI BILTEN Vol. 42 (2018), No. 1, 75-92.
238. **A. Kashuri**, R. Liko, “Some new Hermite-Hadamard type inequalities via k -fractional integrals concerning differentiable generalized relative semi- $(r; m, p, q, h_1, h_2)$ -preinvex mappings”, FASCICULI MATHEMATICI Vol. 60 (2018), No. 1, 59-78.
237. M. Samraiz, M.A. Afzal, S. Iqbal, **A. Kashuri**, “Opial-type inequalities for generalized integral operators with special kernels in fractional calculus”, COMMUNICATIONS IN MATHEMATICS AND APPLICATIONS Vol. 9 (2018), No. 3, 421-431.
236. **A. Kashuri**, R. Liko, Some new Ostrowski type fractional integral inequalities for generalized relative semi- $(m;h)$ -preinvex functions via Caputo k -fractional derivatives, ANALELE UNIVERSITĂȚII DIN ORADEA-FASCICOLA MATEMATICĂ, Vol. 25 (2018), No. 2, pp. 5-21.
235. **A. Kashuri**, R. Liko, S.S. Dragomir, “Some new Gauss-Jacobi and Hermite-Hadamard type inequalities concerning $(n+1)$ -differentiable generalized $((h_1, h_2); (\eta_1, \eta_2))$ -convex mappings”, TAMKANG JOURNAL OF MATHEMATICS Vol. 49 (2018), No. 4, 317-337.
234. **A. Kashuri**, R. Liko, S.S. Dragomir, “Some new Hermite-Hadamard type inequalities via Caputo k -fractional derivatives concerning $(n+1)$ -differentiable generalized relative semi- $(r; m, h_1, h_2)$ -preinvex mappings”, FRACTIONAL DIFFERENTIAL CALCULUS Vol. 8 (2018), No. 2, 337-355.
233. **A. Kashuri**, R. Liko, “Some Caputo k -fractional derivatives concerning of Ostrowski type concerning $(n+1)$ -differentiable generalized relative semi- $(r; m, p, q, h_1, h_2)$ -preinvex mappings”, COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA SERIES A1: MATHEMATICS AND STATISTICS, Vol. 68 (2018), No. 1, 973-996.
232. **A. Kashuri**, R. Liko, “Generalization of different type integral inequalities for generalized (s,m) -preinvex Godunova-Levin functions”, JOURNAL OF APPLIED ANALYSIS Vol. 24 (2018), No. 2, 211-221.
231. **A. Kashuri**, R. Liko, “Ostrowski type conformable fractional integrals for generalized (g,s,m,φ) -preinvex functions”, TURKISH JOURNAL OF INEQUALITIES, Vol. 2 (2018), No. 2, 54-70.
230. **S. Tola**, **A. Daci**. “Evaluation of robustness in ASR for different ‘front-end’ methods”, INTERNATIONAL SCIENTIFIC JOURNAL “MATHEMATICAL MODELING”, Vol. II (2018), no. 4, 147-148.
229. K. Dhoska, **S. Tola**; A. Pramono, I. Vozga. Evaluation of measurement uncertainty for determination the mechanical resistance of the brick samples by using uniaxial

compressive strength test, INTERNATIONAL JOURNAL OF METROLOGY AND QUALITY ENGINEERING, 9, 12(2018), 1-5.

228. **E. Maraj, Sh. Kuka, Zh. Muka**, "Fuzzy logic in consumer credit evaluation", BULLETIN OF TECHNICAL SCIENCES, PUT, 2017, 103-109.
227. **Sh. Kuka, Zh. Muka, E. Maraj**. *The development of a rainfall-surface runoff model based on fuzzy logic theory*, BULLETIN OF TECHNICAL SCIENCES, PUT, 2017, 86-91.
226. **Sh. Kuka**, E. Kuka, V. Mitezi, E. Pina "On the control and assessment of radio signal coverage quality in cellular networks", BULLETIN OF TECHNICAL SCIENCES, PUT, 2017, 157-162.

2017

225. **M. Kreku, A. Fundo**, "A new local fractional α -integral transform for solving the initial value problems with local fractional derivativ", JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE AND TECHNOLOGY (JMEST), Vol. 4 (2017), No. 5, 7268-7271.
224. **M. Kreku, A. Fundo**, "Function Decomposition Method for Solving Laplas Equation Using a New Local Fractional Integral Transform" INTERNATIONAL JOURNAL OF TREND IN RESEARCH AND DEVELOPMENT (IJTRD), Vol. 4 (2017), No. 3. 374-377.
223. Rr. Ormeni, S. Öztürk, **A. Fundo**, K. Çelik, *Spatial and temporal analysis of recent seismicity in different parts of the Vlora-Lushnja-Elbasani-Dibra Transversal Fault Zone, Albania*, AUSTRIAN JOURNAL OF EARTH SCIENCES, Vol. 110 (2017), No. 2.
222. S. Onar, D. Sonmez, B.A. Ersoy, G. Yesilot and **K. Hila**, "A study on fuzzy 2-absorbing primary Γ -ideals in Γ -rings", FILOMAT 31 (2017), No. 18, 5753–5767.
221. **K. Hila**, K. Naka *Characterizations of hyperrings by fuzzy hyperideals with respect to a t-norm*, FUZZY INFORMATION AND ENGINEERING, 9 (2017), No. 4, pp. 437-454.
220. K. Naka, **K. Hila**, "Regularity of ternary semihypergroups", QUASIGROUPS AND RELATED SYSTEMS 25 (2017), No. 2, 291-306.
219. **K. Hila**, K. Naka, M.K. Dubey, Anuradha, "Ternary semihypergroups in terms of generalized quasi (bi)-hyperideals", STUDIA SCIENTIARUM MATHEMATICARUM HUNGARICA 54 (2017), No. 3, 277-297.
218. N. Yaqoob, M. Aslam, **K. Hila**, B. Davvaz, "Rough prime bi- Γ -hyperideals and fuzzy prime bi- Γ -hyperideals of Γ -semihypergroups», FILOMAT 31 (2017), No. 13, 4167-4183.
217. **K. Hila**, K. Naka, "Ternary semihypergroups characterized by fuzzy bi-hyperideals", UTILITAS MATHEMATICA 102(2017), 299-320.

216. **A. Kashuri**, R. Liko, “Hermite-Hadamard type fractional integral inequalities for generalized $(1, m, \varphi)$ -preinvex functions”, JOURNAL OF PURE AND APPLIED MATHEMATICS: ADVANCES AND APPLICATIONS Vol. 17 (2017), No. 1, 1-17.
215. **A. Kashuri**, R. Liko, “On Hermite-Hadamard type inequalities for generalized (s, m, φ) -preinvex functions via k -fractional integrals”, ADVANCES IN INEQUALITIES AND APPLICATIONS Vol. 2017 (2017), No. 6, 1-12.
214. **A. Kashuri**, R. Liko, Generalizations of Hermite-Hadamard and Ostrowski type inequalities for MT_m -preinvex functions, PROYECCIONES, Vol 36 (2017), No. 1, pp. 45-80
213. **A. Kashuri**, R. Liko, Hermite-Hadamard type fractional integral inequalities for generalized $(r; s, m, \varphi)$ -preinvex functions, EUROPEAN JOURNAL OF PURE AND APPLIED MATHEMATICS Vol. 10 (2017), No. 3, 495-505.
212. **A. Kashuri**, R. Liko, Hermite-Hadamard type fractional integral inequalities for generalized beta (r, g) -preinvex functions, PROYECCIONES Vol. 36 (2017), No. 4, 711-726.
211. **A. Kashuri**, R. Liko, “Hermite-Hadamard type inequalities for MT_m -preinvex functions”, FASCICULI MATHEMATICI Vol. 58 (2017), 77-96.
210. **A. Kashuri**, R. Liko, “Hermite-Hadamard type fractional integral inequalities for generalized (s, m, φ) -preinvex functions”, NEW TRENDS IN MATHEMATICAL SCIENCES Vol. 5 (2017), No. 3, 97-106.
209. **A. Kashuri**, R. Liko, “Ostrowski type fractional integral inequalities for generalized (g, s, m, φ) -preinvex functions”, EXTRACTA MATHEMATICAE Vol. 32 (2017), No. 1, 105-123.
208. **A. Kashuri**, R. Liko, “Hermite-Hadamard type integral inequalities for products of two generalized (s, m, φ) -preinvex functions”, MOROCCAN JOURNAL OF PURE AND APPLIED ANALYSIS Vol. 3 (2017), No. 1, 102-115.
207. **A. Kashuri**, R. Liko, “Different type integral inequalities for generalized $(1, m, \varphi)$ -preinvex functions via fractional integrals”, JOURNAL OF INEQUALITIES AND SPECIAL FUNCTIONS Vol. 8 (2017), No. 3, 32-43.
206. **A. Kashuri**, R. Liko, “Hermite-Hadamard type fractional integral inequalities for $MT_{(m, \varphi)}$ -preinvex functions”, STUDIA UNIVERSITATIS BABES-BOLYAI MATHEMATICA Vol. 62 (2017), No. 4, 439-450.
205. **A. Kashuri**, R. Liko, “Hermite-Hadamard type fractional integral inequalities for twice differentiable generalized beta-preinvex functions”, JOURNAL OF FRACTIONAL CALCULUS AND APPLICATIONS Vol. 9 (2017), No. 1, 241-252.
204. **A. Kashuri**, R. Liko, “Some new integral inequalities for generalized (s, m, φ) -preinvex Godunova-Levin functions of the second kind”, COMMUNICATIONS IN OPTIMIZATION THEORY Vol. 2017, (2017), Article ID 31, 1-15.
203. **A. Kashuri**, R. Liko, “Ostrowski type fractional integral operators for generalized $(r; s, m, \varphi)$ -preinvex functions”, APPLICATIONS AND APPLIED MATHEMATICS Vol. 12 (2017), No. 2, 1017-1035.

202. **A. Kashuri**, R. Liko, “Hermite-Hadamard type fractional integral inequalities for generalized $(r; g, s, m, \varphi)$ -preinvex functions”, FASCICULI MATHEMATICI Vol. 59 (2017), 43-55.
201. **A. Kashuri**, R. Liko, “Uncertain fuzzy Ostrowski type inequalities for the generalized (s, m) -preinvex Godunova-Levin functions of second kind”, ACTA ET COMMENTATIONES UNIVERSITATIS TARTUENSIS DE MATHEMATICA Vol. 21 (2017), No. 2, 225-238.
200. **A. Kashuri**, R. Liko, “Some new Ostrowski type inequalities for generalized (s, m, φ) -preinvex functions via fractional integral operators”, MATEMATICHKI BILTEN Vol. 41 (2017), No. 2, 74-91.
199. **A. Kashuri**, R. Liko, “Hermite-Hadamard type inequalities for generalized (s, m, φ) -preinvex functions via k -fractional integrals”, TBILISI MATHEMATICAL JOURNAL Vol. 10 (2017), No. 4, 73-82.
198. **A. Kashuri**, R. Liko, “Hermite-Hadamard type fractional integral inequalities for twice differentiable generalized (s, m, φ) -preinvex functions”, KONURALP JOURNAL OF MATHEMATICS Vol. 5 (2017), No. 2, 228-238.
197. **A. Fundo, A. Kashuri**, M. Ramosaçaj, R. Liko, “Some new Hermite-Hadamard type conformable fractional integral inequalities for twice differentiable $MT_{(r; s, m, \varphi)}$ -preinvex functions”, EUROPEAN JOURNAL OF PURE AND APPLIED MATHEMATICS Vol. 10 (2017), No. 4, 809-834.
196. **A. Kashuri**, R. Liko, Some new Ostrowski type fractional integral inequalities for generalized $(r; g, s, m, \varphi)$ -preinvex functions via Caputo k -fractional derivatives, INTERNATIONAL JOURNAL OF NONLINEAR ANALYSIS AND APPLICATIONS, Vol. 8 (2017), No. 2, 109-124.
195. **B. Xhaja**, A. Bardhi, L. Nikolla. The implementation of wavelet transform in determining defects in induction motors. BULLETIN OF TECHNICAL SCIENCES, PUT, Nr. 2 (2017).
194. **E. Cenaj, R. Dervishi, Sh. Kuka**, Analysis of an Accident Situation at Intersection caused by the Lack of Respect for Priority, JOURNAL OF ADVANCES IN MATHEMATICS, Vol 12 (2017), No. 12, 7008–7013.
193. **Zh. Muka, E. Cenaj, R. Dervishi**, "Application of Geoaalgebra and Fuzzy Logic" JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE AND TECHNOLOGY, Vol. 4 (2017), Issue 2, pp. 6669-6673.
192. S. Mustafaj, E. Dishmema, **A. Basholli**, B. Baraku. “Counties performance evaluation of cereal production in Albania”. ACADEMIC JOURNAL OF BUSINESS, ADMINISTRATION, LAW AND SOCIAL SCIENCES. Vol. 3 (2017), No. 3, pp. 87-93.
191. **E. Xhafaj**, L. Mukli, D. Halidini Qendraj, “The impact of the educational level according to expenditures in Albanian households”, INTERDISCIPLINARY JOURNAL OF RESEARCH AND DEVELOPMENT, Vol 4 (2017), No 1.

190. D. Halidini, **E. Xhafaj**, N. Gjokaj, “*Treating the missing values for the total waste recycling in Albania*”, INTERDISCIPLINARY JOURNAL OF RESEARCH AND DEVELOPMENT, Vol 4 (2017), No 1.
189. **Zh. Muka, E. Maraj, Sh. Kuka**, “*Rainfall Prediction Using Fuzzy Logic*”, INTERNATIONAL JOURNAL OF INNOVATIVE SCIENCE, ENGINEERING & TECHNOLOGY, Vol. 4 (2017), no. 12, 1-5.

2016

188. **A. Fundo**, Rr. Ormeni, *Some basic aspects of seismic activity during 2015 year*, INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN SCIENCE AND ENGINEERING, Vol. 2 (2016), No. 12. pp. 1-9.
187. S. Abdullah, **K. Hila**, W.S. Al. Shammakh, M. Naeem, “*Applications of soft intersection sets in Γ -near-rings*”, ANNALS OF FUZZY MATHEMATICS AND INFORMATICS, Vol. 12 (2016), No. 3, 431-447.
186. K. Kikina, L. Gjoni, **K. Hila**, “*Quasi-2-normed spaces and some fixed point theorems*”, APPLIED MATHEMATICS AND INFORMATION SCIENCES Vol. 10 (2016), No. 2, 469-474.
185. P. Petro, **K. Hila**, J. Dine, *On relation Q_γ in le - Γ -semigroups*, FILOMAT 30 (2016), No. 5, 1127-1134.
184. F. Yousafzai, W. Khan, A. Khan, **K. Hila**, “*Interval-valued fuzzy set theory applied on po - LA -semigroups*”, AFRIKA MATEMATIKA, 27 (2016), No. 1, 23-35.
183. S. Abdullah, M. Aslam, **K. Hila**, “*On interval valued intuitionistic fuzzy sets in Γ -semihypergroups*”, INTERNATIONAL JOURNAL OF MACHINE LEARNING AND CYBERNETICS (SPRINGER VERLAG), Vol. 7 (2016), No. 2, pp. 217-228.
182. **K. Hila**, S. Abdullah, J. Dine, “*On intuitionistic fuzzy hyperideals in Γ -semihypergroups through left operator semihypergroup*”, UTILITAS MATHEMATICA, 100 (2016), 277-297.
181. R. Liko, **A. Kashuri**, “*Martingales Property in Albania Exchange Market*”, ACADEMIC JOURNAL OF INTERDISCIPLINARY STUDIES Vol. 5 (2016). No. 1, 93-98.
180. **A. Kashuri**, R. Liko, “*Some new results of two open problems related to integral inequalities*”, JOURNAL OF MATHEMATICAL INEQUALITIES Vol. 10 (2016), No. 3, 877-883.
179. **A. Fundo, A. Kashuri**, R. Liko, “*New integral transform in Caputo type fractional difference operator*”, UNIVERSAL JOURNAL OF APPLIED SCIENCE Vol. 4 (2016), No. 1, 7-10.
178. **A. Kashuri**, R. Liko, “*Hermite-Hadamard type fractional integral inequalities for the generalized $(1, m)$ -preinvex functions*”, NONLINEAR ANALYSIS AND DIFFERENTIAL EQUATIONS Vol. 4 (2016), No. 8, 353 – 367.
177. **A. Kashuri**, R. Liko, “*Some inequalities similar to Hardy’s inequality*”, PIONEER JOURNAL OF MATHEMATICS AND MATHEMATICAL SCIENCES Vol. 17 (2016), No. 1, 1-6.

176. **A. Kashuri**, R. Liko, *Further generalization inequalities*, INTERNATIONAL JOURNAL: MATHEMATICAL MANUSCRIPTS Vol. 9 (2016), No. 2, 175-180.
175. **A. Kashuri**, R. Liko, **A. Fundo**, M. Ramosaco, “*Open problem related to integral inequalities*”, JOURNAL OF INEQUALITIES AND SPECIAL FUNCTIONS, Vol. 7 (2016), No. 3, 114-120.
174. **A. Kashuri**, R. Liko, “*Ostrowski type inequalities for MT_m -preinvex functions*”, JOURNAL OF INEQUALITIES AND SPECIAL FUNCTIONS, Vol. 7 (2016), No. 4, pp. 195-210.
173. **A. Kashuri**, R. Liko, “*Some Hermite-Hadamard type inequalities for n -time differentiable functions which are generalized (s, m) -preinvex functions*”, ADVANCES IN INEQUALITIES AND APPLICATIONS, Vol. 2016, (2016), 1-15.
172. **A. Kashuri**, R. Liko, “*Further discrete inequalities for convex functions*”, PIONEER JOURNAL OF MATHEMATICS AND MATHEMATICAL SCIENCES, Vol. 17 (2016), No. 2, 71-77.
171. **A. Kashuri**, R. Liko, “*Some applications of improved Young’s inequality*”, PIONEER JOURNAL OF MATHEMATICS AND MATHEMATICAL SCIENCES Vol. 18 (2016), No. 1, 23-29.
170. R. Liko, **A. Kashuri**, “*Modeling the volatility of US Dollar/Albanian Lekë exchange rate*”, UNIVERSAL JOURNAL OF COMPUTATIONAL MATHEMATICS Vol. 4 (2016), No. 4, 75-78.
169. **A. Kashuri**, R. Liko, “*Uncertain fuzzy Hermite-Hadamard type inequalities for $MT_{(m, \varphi)}$ -preinvex functions*”, UNIVERSAL JOURNAL OF APPLIED SCIENCE Vol. 4 (2016), No. 2, 24-32.
168. **A. Kashuri**, R. Liko, “*Some extensions Hardy integral inequalities and their analogues on finite interval*”, JOURNAL OF ADVANCES IN MATHEMATICS Vol. 12 (2016), No. 10, 6728-6732.
167. **A. Kashuri**, R. Liko, “*Ostrowski type fractional integral inequalities for generalized (s, m, φ) -preinvex functions*”, AUSTRALIAN JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS Vol. 13 (2016), No. 1, 1-11.
166. A. Asimi, **L. Hanelli**, *Using R to Forecast System Defects of Albanian Fixed Telephone Network*, JOURNAL SCIENCE & TECHNOLOGY, NATURAL AND MATHEMATICAL SCIENCE, Vol VI (2016), No. 3, 1-5.
165. D. Ekmekçiu, M. Muça, **A. Naço**, *Performance Indicators Analysis inside a Call Center Using a Simulation Program*, INTERNATIONAL JOURNAL OF BUSINESS AND TECHNOLOGY, Vol 4 (2016), Issue 2, 56-73.
164. **E. Cenaj**, **R. Dervishi**, **Zh. Muka**, “*The use of logistic regression in a human health problem*” INTERNATIONAL JOURNAL OF INNOVATIVE SCIENCE, ENGINEERING & TECHNOLOGY, Vol. 3 (2016), Issue 12, pp. 90-93.

163. **E. Cenaj, L. Prifti**, "The role of statistical independence in contingency tables" JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE AND TECHNOLOGY, Vol. 3 (2016), Issue 10, 5775-5777.
162. **E. Musta**, L. Nikolla, A. Asimi "The Design Of An Albanian Large Vocabulary Continuous Speech Recognition System". INTERNATIONAL JOURNAL OF INNOVATION SCIENCE, ENGINEERING AND TECHNOLOGY, Vol. 3(2016), no. 5, pp. 355-359.
161. **A. Basholli**, V. Kedhi, A. Cangonji. A Goal Programming Model For Facility Location Planning. EUROPEAN SCIENTIFIC JOURNAL 12 (2016), No. 9, 371-381.
160. **A. Daci**. "Mathematical Models For Population Projection In Albania", JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE AND TECHNOLOGY, Vol. 3 (2016), No. 8, 5486-5489.
159. **A. Daci**. "Dynamical Systems, Phase Plan Analysis Linearization Method", JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE AND TECHNOLOGY, Vol. 3 (2016), No. 8, 5495-5502.
158. **A. Daci**. "Fish Harvesting Models And Their Applications in a reservoir in Saranda, Albania", JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE AND TECHNOLOGY, Vol. 3 (2016), No. 7, 5279-5282.
157. E. Gjika (Dhamo), A. Gjeçka A., **O. Zaçaj**. "Projection of the Consumer Price Index using time series methods (The Case of Albania)" BULLETIN OF NATURAL SCIENCES (UT), Nr. 22 (2016), pp. 138-147.
156. L. Arapi, D. Prenga, **S. Kovaçi**, "The Study Of The Dynamics Of Electoral Sub-Networks In Albania Using Q-Functions", INTERNATIONAL JOURNAL OF INNOVATIVE SCIENCE, ENGINEERING & TECHNOLOGY, Vol. 3 (2016), Issue 12, 223-228.
155. **S. Kovaçi**, S. Sula, E. Vuka, D. Prenga. "The study of the dynamics of electrical sub-networks in Albania with the help of q-functions". SCIENTIFIC BULLETIN OF "A. XHUVANI" UNIVERSITY, 2016.
154. **S. Kovaçi**, L. Arapi, E. Vuka, D. Prenga, "An overall view of Albanian currency exchange rates during crisis of 1997 using q-analysis". INTERNATIONAL JOURNAL OF INNOVATIVE SCIENCE, ENGINEERING & TECHNOLOGY, Vol. 3 (2016), Issue 4, pp. 251-254.
153. A. Asimi, **L. Hanelli**, "Some Numerical Experiments for Determining the Optimal Value of the Scale Parameter for Meshfree Interpolation", INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN ENGINEERING & MANAGEMENT, Vol. 3 (2016), No. 3, 225-228.
152. J. Ajce Konica, **L. Hanelli**, Forecasting Next-Day the Electricity Demand Based On Fuzzy Logic Method Case for Albania, JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE AND TECHNOLOGY, Vol. 3 (2016), No. 12, 6172-6180.

151. A. Asimi, **L. Hanelli**. 'Using R To Forecast System Defects of Albanian Fixed Telephone Network', SCIENCE & TECHNOLOGIES: NATURAL AND MATHEMATICAL SCIENCE, Vol. VI (2016), No. 3, 1-5.
150. B. Huti, **L. Hanelli**, "Numerical Solution for a Wave Equation Arising in Oscillations of Overhead Transmission Lines", INTERNATIONAL JOURNAL OF INNOVATION IN SCIENCE AND MATHEMATICS, Vol. 4 (2016), No. 2, 91-97.
149. B. Huti, **L. Hanelli**, "Some typical problematic cases of numerical integration in differential equations.", SCIENTIFIC BULLETIN OF "A. XHUVANI" UNIVERSITY, Elbasan, 2016.
148. **D. Salillari, L. Prifti**, Comparison Study of Logistic Regression Model for Albanian Texts. JOURNAL OF ADVANCES IN MATHEMATICS, 12 (2016), No. 9, 6572–6575.
147. **D. Salillari, L. Prifti**. A multinomial logistic regression model for text in Albanian language. JOURNAL OF ADVANCES IN MATHEMATICS, 12 (2016), No. 7, 6407–6411.

2015

146. M. Elmazaj, **A. Fundo**, Findings of a pilot study on over education in Albania, INTERNATIONAL JOURNAL OF SCIENCE, INNOVATION AND TECHNOLOGY, Vol. 1 (2015), No. 14.
145. B.A. Ersoy, S. Onar, B. Davvaz, **K. Hila**, "Structure of idealistic fuzzy soft Γ -near-ring", UPB SCIENTIFIC BULLETIN, SERIES A: APPLIED MATHEMATICS AND PHYSICS, Vol. 77(2015), No. 3, 15-28.
144. **K. Hila**, L. Kikina, B. Davvaz, "Intuitionistic fuzzy hyperideal extensions of semihypergroups", THAI JOURNAL OF MATHEMATICS Vol. 13 (2015), No. 2, 293-307.
143. K. Naka, **K. Hila**, "On the structure of quasi-hyperideals and bi-hyperideals in ternary semihypergroups", AFRIKA MATEMATIKA, 26 (2015), No. 7, 1573-1591.
142. F. Yousafzai, **K. Hila**, P. Corsini, A. Zeb, "Existence of non-associative algebraic hyper-structures and related problems", AFRIKA MATEMATIKA, 26 (2015), No. 5, 981-995.
141. **K. Hila**, B.A. Ersoy, S. Onar, B. Davvaz. On generalized rough (m,n) -bi- Γ -hyperideals in Γ -semihypergroups, UPB SCIENTIFIC BULLETIN, SERIES A: APPLIED MATHEMATICS AND PHYSICS, Vol. 77(2015), No. 2, 93-104.
140. K. Naka, **K. Hila**, "On some special classes of hyperideals in ternary semihypergroups", UTILITAS MATHEMATICA 98 (2015), 97-112.
139. S. Abdullah, **K. Hila**, M. Aslam, "A new generalization of fuzzy bi-ideals in semigroups and its applications in fuzzy finite state machines", JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING, Vol. 24 (2015), No. 5-6, 599-623.

138. **A. Kashuri, A. Fundo**, R. Liko, "New integral transform for solving some fractional differential equations", INTERNATIONAL JOURNAL OF PURE AND APPLIED MATHEMATICS, Vol. 103 (2015), No. 4, 675-682.
137. R. Kosova, **A. Naço**, M. Muca, *Uncertainty in Oil Reservoir Properties Deterministic and Stochastic Methods of Reserves Estimation*, INTERNATIONAL JOURNAL OF SCIENCE AND RESEARCH, Vol. 4 (2015), Issue 10, 471-474.
136. R. Kosova, V. Shehu, **A. Naço, E. Xhafaj**, A. Stana, A. Ymeri, *Monte Carlo simulation for estimating geologic oil reserves. A case study from Kuçova oilfield in Albania*, MUZEUL OLTENIEI CRAIOVA. OLTENIA. STUDII ŞI COMUNICĂRI. ŞTIINŢELE NATURII. Tom. 31 (2015), No. 2, 20-25.
135. **K. Haxhi, B. Xhaja**. "Estimating claims reserve in a non-life insurance company"; JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE AND TECHNOLOGY (JMEST), Vol. 2 (2015), No. 6, 1501-1503.
134. **B. Xhaja**, L. Nikolla. *Wavelet Analysis Applied In Image Denoising Using MATLAB*. JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE AND TECHNOLOGY (JMEST), Vol. 2 (2015), No. 6, 1389-1393.
133. **O. Zaçaj**, E. Dhamo. *Trial Modelling For MTPL Claims In Albania*. JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE AND TECHNOLOGY (JMEST), Vol. 2 (2015), No. 6, 1479-1483.
132. D. Braho, **A. Çausi**. *On the Statistical Convergence of Martingales*, APPLIED MATHEMATICAL SCIENCES, Vol. 9 (2015), No.17, pp. 821- 830.
131. **E. Musta**, V. Komini "A Comparative Study of Linear Predictive Analysis Methods With Application To Speaker Over Scripting Programing. JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE AND TECHNOLOGY. Vol. 2 (2015), No. 10, 2881-2885.
130. **A. Basholli**, "Optimization of fruit collection location and agro-processing facilities", ECONOMY & AGRIBUSINESS JOURNAL, No. 11, Tirane 2015.
129. D. Qendraj, **E. Xhafaj**, *Evaluating risk factors of being obese, by use ID3 algorithm Weka software*, EUROPEAN SCIENTIFIC JOURNAL, Vol 11 (2015), 261-267.
128. D. Halidini, Th. Mitre, **E. Xhafaj** "Optimization in decision-making networks using the Analytic Hierarchy Process (AHP) by Saaty", OPTIME, Vol 4 (2015), No. 6.
127. D. Qendraj, **E. Xhafaj**, L. Mukli, "Classification of economic status using decision trees: a case study of Albanian families", BULLETIN OF NATURAL SCIENCES (UT), No. 20 (2015), 171-180.
126. **E. Xhafaj**, I. Nurja, R. Kosova, "Using Component Analysis and Cluster Analysis to Detect Regional Poverty Inequalities. A case study of the prefectures of Albania". BULLETIN OF NATURAL SCIENCES (UT) 19 (2015), 253-261.
125. **E. Xhafaj**, I. Nurja, "The Principal Components Analysis and Cluster Analysis as tools for the estimation of poverty, an Albanian case study". INTERNATIONAL JOURNAL OF SCIENCE AND RESEARCH, Vol. 4 (2015), no. 1, 1240-1243.

124. **K. Haxhi**, B. Baholli. *Application of Munich Chain Ladder for an Albanian DMTPL portfolio*. JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE AND TECHNOLOGY, Vol. 2 (2015), no. 7, pp. 1843-1846.
123. **K. Haxhi**, B. Baholli. "Claims reserving for a DMTPL portfolio using Double Chain Ladder". JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE AND TECHNOLOGY, Vol. 2 (2015), no. 8, pp. 2221-2224.
122. E. Gjika (Dhamo), **O. Zaçaj**, M. Rramosaço, K. Bani. "MTPL rates; "A statistical Model for the Albanian Insurers" BULLETIN OF NATURAL SCIENCES (UT) 19 (2015), 43-51.
121. E. Gjika (Dhamo), **O. Zaçaj**, M. Muçaj. *Application of a Methodology for Calculating the Technical Reserves of Claims for Non-Life Insurance Companies (The Case of Albania)*. BULLETIN OF NATURAL SCIENCES 20 (2015), 158-170.
120. E. Gjika (Dhamo), **O. Zaçaj**, E. Gjika. "Combining Econometric and Time Series Models to Project Albanian Population (projection for 2015 – 2023)" INTERNATIONAL JOURNAL OF EMERGING SCIENCE AND ENGINEERING, Vol. 4 (2015), No. 1, 1-4.
119. **O. Zaçaj**, E. Dhamo. "Trial Modelling for MTPL Claims In Albania", JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE AND TECHNOLOGY, Vol. 2 (2015), No. 6, pp. 1479-1483.
118. **O. Zaçaj**, E. Dhamo, Sh. Shehu. *Modeling Individual Claims for Motor Third Party Liability of Insurance Companies in Albania*. INTERNATIONAL JOURNAL OF INNOVATION IN SCIENCE AND MATHEMATICS, Vol. 3 (2015), No. 3, 174-178
117. M. Balilaj, **T. Myftiu**. "A Database Structure For The Market Value of Apartments - Albania", INTERNATIONAL JOURNAL OF SIENCE, INNOVATION AND TECHNOLOGY, Vol. 1 (2015), No. 14, p. 43-48.
116. **S. Kovaçi**, D. Prenga, E. Vuka, "The Use of Parametric Distributions and Empirical Mode Decomposition to Analyse Stochastic Systems and Nonlinear Signals". BULLETIN OF NATURAL SCIENCES (UT). 2015, pp. 71-78;
115. **S. Kovaçi**, D. Prenga, M. Ifti, "Analysis of distributions and dynamics for water side inflows in the Drin River basin, Albania". INTERNATIONAL JOURNAL OF ENGINEERING & TECHNICAL RESEARCH, VOL. 3(2015), No. 3, pp. 156-161.
114. **L. Prifti, Sh. Shehu**. "On parametric estimation". JOURNAL OF ADVANCES IN MATHEMATICS. Vol. 10 (2015), No.7, 3650-3653.
113. F. Bidaj, R. Alushaj, **L. Prifti**, A. Chittum."Evaluation of the heating share of the household's electricity consumption using statistical analysis: a case study of Tirana, Albania". INTERNATIONAL JOURNAL OF SUSTAINABLE ENERGY PLANNING AND MANAGEMENT. Vol. 5 (2015), 3-14.
112. Dh. Kuqi, P. Malkaj, **Sh. Kuka**, M. Kuqali, A. Hoxha, T. Mulaj, M. Goga, H. Dokuzi, "Evaluation of electromagnetic fields for frequencies 900 MHZ-1800 MHZ

2014

111. **A. Fundo**, A. Bashllari, D. Naçe, I. Shinko, "A hybrid rerouting scheme", TELECOMMUNICATION SYSTEMS JOURNAL, Vol. 56 (2014), 69–78.
110. **A. Fundo**, A. Hysi, I. Tafa, "Secure deletion of data from SSD", INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS, Vol. 5 (2014), No. 8.
109. V. Amjad, **K. Hila**, F. Yousafzai, "Generalized hyperideals in locally associative left almost semihypergroups", NEW YORK JOURNAL OF MATHEMATICS, 20 (2014), 1063-1076.
108. **K. Hila**, J. Dine, "On Green's equivalences in Γ -groupoids", MISKOLC MATHEMATICAL NOTES, Vol. 15 (2014), No. 2, 489–496.
107. **K. Hila**, B. Davvaz, "An introduction to the theory of algebraic multi-hyperring spaces", ANALELE ȘTIINȚIFICE ALE UNIVERSITĂȚII OVIDIUS CONSTANTA, SERIA MATEMATICĂ Vol. 22 (2014), No. 3, 59-72
106. S. Kar, P. Sarkar, **K. Hila**, "Interval-valued semiprime fuzzy ideals of semigroups", ADVANCES IN FUZZY SYSTEMS, Vol. 2014, Article ID 842471, 10 pages.
105. **K. Hila**, J. Dine, "A note on 2^0 -strongly regular Γ -semigroups", ALGEBRAS, GROUPS AND GEOMETRIES (AGG), Vol. 31 (2014), no. 4, 363-374.
104. **K. Hila**, B. Davvaz, K. Naka, "On hyperideal structure of ternary semihypergroups", IRANIAN JOURNAL OF MATHEMATICAL SCIENCES AND INFORMATICS, Vol. 9 (2014), No. 1, pp 81-98.
103. **K. Hila**, "Some results on prime radical in ordered Γ -semigroups", MATHEMATICAL REPORTS, 16(66) (2014), No. 2, 253-270.
102. **K. Hila**, T. Vougiouklis, K. Naka, "On the structure of soft m -ary semihypergroups", UPB SCIENTIFIC BULLETIN, SERIES A: APPLIED MATHEMATICS AND PHYSICS, Vol. 76 (2014), no. 4, 91-106.
101. **K. Hila**, S. Abdullah, "A study on intuitionistic fuzzy sets in Γ -semihypergroups", JOURNAL OF INTELLIGENT AND FUZZY SYSTEMS, 26 (2014), 1695–1710.
100. **K. Hila**, J. Dine, "On the structure of Green's relations in BQ- Γ -semigroups", ANALELE ȘTIINȚIFICE ALE UNIVERSITĂȚII "AL.I. CUZA" DIN IAȘI, Tomul LX (2014), f.1, 201-210.
99. **E. Xhafaj**, I. Nurja "Determination of the key factors that influence poverty through econometric models" EUROPEAN SCIENTIFIC JOURNAL Vol 10(24)(2014), 65-72.
98. **E. Xhafaj**, I. Nurja, A. Xhafaj "Econometric scales of equivalence, their implementations in Albania". EUROPEAN SCIENTIFIC JOURNAL Vol. 3 (2014), 262-267.
97. **E. Xhafaj**, I. Nurja, R. Kosova, "Determining the factors that affect poverty through logistic regression model. A case survey in Albania. UNIVERSITY RESEARCH: THE

JOURNAL "MATHEMATICS AND NATURAL SCIENCES. 38 (2014), 30-37.

96. R. Kosova, Xh. Roko, **E. Xhafaj**, S. Vasili. *Reestimating oil reserves in Kuçova oilfield by using stochastic method and Monte Carlo simulation. Applying method in Driza sector.* UNIVERSITY RESEARCH: THE JOURNAL "MATHEMATICS AND NATURAL SCIENCES" 38 (2014), 12-23.
95. **Sh. Kuka**, E. Begu, **T. Myftiu**, E. Abazi. *Digital Terrain Modeling of The Buna River System and of The Northwestern Flood Plain In Albania*, INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH Vol. 3 (2014), No. 5, p. 84-88.
94. **R. Dervishi**, "Using Bayesian Belief Network Techniques and Geographical Information Systems to Predict Highway Crashes in Albania". SPACES AND FLOWS JOURNAL: AN INTERNATIONAL JOURNAL OF URBAN AND EXTRAURBAN STUDIES, Vol. 4 (2014), No. 2, pp. 11-17.
93. R. Paci, **Sh. Kuka**, I. Muraj. *Dose Assesment Of Patients For Some X Ray Machines In Albania*, INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH Vol. 3 (2014), No. 7, 33-34

2013

92. **K. Hila**, B. Davvaz, K. Naka, J. Dine, "Regularity in terms of hyperideals", CHINESE JOURNAL OF MATHEMATICS (NEW YORK), Vol. 2013, Article ID 167037, 4 pages.
91. **K. Hila**, S. Onar, B.A. Ersoy, B. Davvaz "On generalized intuitionistic fuzzy subhyperalgebras of Boolean Hyperalgebras", JOURNAL OF INEQUALITIES AND APPLICATIONS (SPRINGER VERLAG), 2013, 2013:501.
90. B.A. Ersoy, S. Onar, **K. Hila**, B. Davvaz, "Some properties of Intuitionistic fuzzy soft ring", JOURNAL OF MATHEMATICS, Vol. 2013, Article ID 650480, 8 pages.
89. **K. Hila**, K. Naka, V. Leoreanu-Fotea, S. Sadiku, "Algebraic hyperstructure of soft sets associated to ternary semihypergroups", ITALIAN JOURNAL OF PURE AND APPLIED MATHEMATICS, No. 30 (2013), 349-372.
88. **K. Hila**, J. Dine, "On Green's relations, 2^0 -regularity and quasi-ideals in Γ -semigroups", ACTA MATHEMATICA SINICA, ENGLISH SERIES (SPRINGER VERLAG), 29(2013), No. 3, 609-624.
87. K. Naka, **K. Hila**, "Some properties of hyperideals in ternary semihypergroups", MATHEMATICA SLOVACA, 63 (2013), No. 3, 449-468.
86. **K. Hila**, E. Pisha, "On Lattice-ordered Rees matrix Γ -semigroups", ANALELE ȘTIINȚIFICE ALE UNIVERSITĂȚII "AL.I. CUZA" DIN IAȘI, Vol. LIX (2013), f.1, 209-218.
85. **K. Hila**, K. Naka, "On fuzzy sub-hyperspaces of hypervector spaces", IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY, TRANSACTION A: SCIENCE, IJST (2013) A2: 103-108.

84. Rr. Ormeni, S. Kociu, **A. Fundo**, Sh. Daja, V. Doda, *Moderate earthquakes in Albania during 2009 and their associated seismogenic zones*, ITALIAN JOURNAL OF GEOSCIENCES 132(2) (2013), 203-212.
83. **A. Kashuri, A. Fundo**, *A new integral transform*, ADVANCES IN THEORETICAL AND APPLIED MATHEMATICS, Vol. 8(1) (2013), 7-43.
82. **A. Kashuri, A. Fundo**, M. Kreku, "*Mixture of a new integral transform and Homotopy Perturbation Method for solving nonlinear partial differential equations*", ADVANCES IN PURE MATHEMATICS Vol. 3 (2013), No. 3, 317-323.
81. **A. Kashuri, A. Fundo**, R. Liko, *On double new integral transform and double Laplace transform*, EUROPEAN SCIENTIFIC JOURNAL Vol. 9 (2013), No. 33, pp. 82-90
80. **A. Naço**, *Generalisation of Continuous Functions*. MATHPROBLEMS, Vol. 3 (2013), Issue 2, pp. 161-164.
79. **A. Çausi, A. Tato**, "*Pettis Integration via Statistical Convergence*" JOURNAL OF ADVANCES IN MATHEMATICS, Vol 3 (2013), No. 2, 159-167.
78. **O. Zaçaj**, E. Dharmo. *Endowment Assurance – Principes, and Technical Notes and Assumptions*, INTERNATIONAL JOURNAL OF SCIENCE, INNOVATION AND NEW TECHNOLOGY, Vol 1 (2013), No. 7.
77. P. Dode, T. Kota, **S. Kovaçi**, S. Mehmeti. "*Non additive entropy approach on the study of the dynamics of exchange rates for some currencies traded in Albania*", INTERNATIONAL JOURNAL OF SCIENCE, INNOVATION & NEW TECHNOLOGY, Vol. 1 (2013), No. 8, pp. 25-32.
76. **E. F. Mulla, R. Totoni, L. Prifti**. *Seasonal Variations of NO₂ and SO₂ Concentrations in Tirana's Air*, JOURNAL OF INTERNATIONAL ENVIRONMENTAL APPLICATION & SCIENCE. Vol. 8 (2013), No. 2, 272-279.
75. **T. Myftiu**, A. Bejleri, **Sh. Kuka**: "*Mathematical model for evaluate the impact of infrastructure projects implemented in Albania*", INTERNATIONAL JOURNAL OF SCIENCE INNOVATION AND NEW TECHNOLOGY, Vol. 1 (2013), No. 7, 9-16.
74. B. Karamani, E. Haskasa, **Sh. Kuka**: "*Using Data Mining for Life insurance Network Optimization*", INTERNATIONAL JOURNAL OF COMPUTER SCIENCE ISSUES, Vol. 10 (2013), Issue 3, No. 2, 16-19.
73. E. Kadiu, M. Belegu, M. Nikolla, O. Totojani, E. Nesturi, **A. Basholli**, *The Economic Effect of the Fertilization of the Increment of the Production and on the Amelioration of the Quality of the Tobacco*. ACADEMIC JOURNAL OF INTERDISCIPLINARY STUDIES, Vol. 2 (2013), No. 8, 617-621.
72. S. Mustafaj, P. Rrapo, **A. Basholli**, B. Gjini. "*Relative technical efficiency assessment of the farms that produce identical agriculture products*, AKTET: JOURNAL OF INSTITUTE ALB-SHKENCA, Vol. VI (2013), No. 1, pp. 86-90.

71. **A. Fundo**, Ll. Duni, **Sh. Kuka**, E. Begu, N. Kuka: "Probabilistic seismic hazard assessment of Albania, ACTA GEODAETICA ET GEOPHYSICA HUNGARICA, Vol. 47 (2012), No. 4, 465-479.
70. **A. Fundo**, Ll. Duni, N. Kuka, L. Dhimitri, E. Veseli, A. Kariqi, "Probabilistic seismic hazard disaggregation and assessment of liquefaction susceptibility of loose sediments. A case study" ALBANIAN JOURNAL OF NATURAL AND TECHNICAL SCIENCES, 2012.
69. Rr. Ormeni, **A. Fundo**, S. Nazaj, A. Shatro, G. Kaza, F. Basholli, *Lateral velocity contrasts across Shkodra-Peje deep fault zone of Albania*, JOURNAL OF INTERNATIONAL ENVIRONMENTAL APPLICATION AND SCIENCE, Vol. 7 (2012), No. 2, 300-309.
68. N. Yaqoob, M. Aslam, **K. Hila**, "Rough fuzzy hyperideals in ternary semihypergroups", ADVANCES IN FUZZY SYSTEMS (NEW YORK), Vol. 2012, Article ID 595687, 9 pages.
67. **K. Hila**, K. Naka, "On pure hyperradical in semihypergroups", INTERNATIONAL JOURNAL OF MATHEMATICS AND MATHEMATICAL SCIENCES (NEW YORK), Volume 2012, Article ID 876919, 7 pages, 2012.
66. S. Abdullah, **K. Hila** M. Aslam, "On bi- Γ -hyperideals in Γ -semihypergroups", UPB SCIENTIFIC BULLETIN, SERIES A: APPLIED MATHEMATICS AND PHYSICS, Vol. 74 (2012), No. 4, 79-90.
65. Faisal, N. Yaqoob, **K. Hila**, "On fuzzy (2;2)-regular ordered Γ -AG**-Groupoids", UPB SCIENTIFIC BULLETIN, SERIES A: APPLIED MATHEMATICS AND PHYSICS, Vol. 74 (2012), No. 2, 87-104.
64. **K. Hila**, B. Davvaz, J. Dine, "Study on the structure of Γ -semihypergroups", COMMUNICATIONS IN ALGEBRA (USA) 40 (2012), No. 8, 2932-2948.
63. **A. Çausi**, **A. Tato** *A Statistical Integral of Bohnert Type on Banach Space*, APPLIED MATHEMATICAL SCIENCES, Vol. 6 (2012), No. 138, 6857 – 6870.
62. **A. Çausi**, "μ-Statically convergent function space" INTERNATIONAL JOURNAL OF SCIENCE, INNOVATION & NEW TECHNOLOGY, 2012, pp. 1-6.
61. **A. Basholli**. *Mathematical model of scheduling the loading and unloading of freight shipping*, ECONOMY & AGRIBUSINESS JOURNAL No. 5 (2012).
60. **T. Myftiu**, R. Shtraza, **Sh. Kuka**: "The algebraic model of a database through category theory", INTERNATIONAL JOURNAL OF SCIENCE, INNOVATION AND NEW TECHNOLOGY", Vol. 2 (2012), No. 5.
59. **R. Dervishi**, **Sh. Kuka**, "Discovering Autocorrelation in Econometric Models and Methods for Their Evaluation", ECONOMICUS, No. 8 (2012), pp. 239-250.
58. B. Barboric, S. Zmrzlikar, **S. Kovaci**, "Land use change of historical map series of Kazjanski park" GIS V SLOVENIJI 2011-2012, pp.109-120, ISSN: 1855-4754.

57. **D. Salillari, L. Prifti, Sh. Shehu.** *Entropy evaluation in Albanian texts.* SCIENTIFIC BULLETIN OF "A. XHUVANI" UNIVERSITY No. 1 (2012), 70-79.
56. **L. Prifti, Sh. Shehu** "Statistical modeling of extreme values". SCIENTIFIC BULLETIN OF "A. XHUVANI" UNIVERSITY, No. 1 (2012), 16-29.
55. **R. Totoni, L. Prifti, E. Mulla.**"Particulate matter pollution, a continuing problem in Tirana's air quality: status and trends". ASIAN JOURNAL OF CHEMISTRY, Vol. 24 (2012), No. 6, 2674-2678.
54. **E. Raço.** *A Mathematical Model of Transport Services,* SCIENTIFIC BULLETIN OF "A. XHUVANI" UNIVERSITY, No. 1 (2012), pp. 90-105.
53. **E. Raço.** *A Mathematical Model of Service Processing,* SCIENTIFIC BULLETIN OF "F. NOLI" UNIVERSITY, 24 (2012), pp. 103-106.
52. **E. Raço, Sh. Leka.** *Comparison of Arrival Models in the Context of Urban Transport,* SOCIAL AND NATURAL SCIENCES JOURNAL, 16(2012), pp. 1-3, ISSN:1084-4158.

2011

51. **K. Hila,** J. Dine, "On hyperideals in left almost semihypergroups", ISRN ALGEBRA (NEW YORK), Vol. 2011, Article ID 953124, 9 pages.
50. **K. Hila,** E. Pisha, "Generalized ideal elements in le - Γ -semigroups", COMMUNICATIONS OF KOREAN MATHEMATICAL SOCIETY 26 (2011), no. 3, 373-384.
49. **K. Hila,** B. Davvaz, K. Naka, "On quasi-hyperideals in semihypergroups", COMMUNICATIONS IN ALGEBRA (USA) 39:11(2011), 4183-4194.
48. **K. Hila,** J. Dine, "Study on the structure of periodic Γ -semigroups", MATHEMATICAL REPORTS 13(63) (2011), No. 3, 271-284.
47. **K. Hila,** E. Pisha, "On bi-ideals on ordered Γ -semigroups I", HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS 40 (2011), No. 6, 793-804.
46. **K. Hila,** "Filters in ordered Γ -semigroups", ROCKY MOUNTAIN JOURNAL OF MATHEMATICS (USA), Vol. 41 (2011), no. 1, 189-203.
45. **T. Myftiu, Sh. Kuka,** A. Gorishti. "Bussines Inteligence to-line off business (LOB) Integration", INTERNATIONAL JOURNAL OF SCIENCE, INNOVATION AND NEW TECHNOLOGY, Vol. 1 (2011), Nr. 2.
44. **Sh. Kuka, T. Myftiu.** "Building a Web-GIS for Processing and Managing Spatial Data (prototype in Geoexplorer)", SCIENTIFIC BULLETIN OF "LUIGJ GURAKUQI" UNIVERSITY, Shkodër, June 2011.
43. **R. Dervishi,** F. Tarifa, *Statistics in Social Sciences and Mathematical Sociology,* ECONOMICUS, Vol. 6 (2011), No. 1, pp. 29-44.

42. V. Kedhi, **A. Basholli**, *A mathematical model on the rational use of marina water basins*, ECONOMICUS, Vol. 6 (2011), No. 1, pp. 105-116.
41. V. Kedhi, **A. Basholli**, *On the best possible management of ferry costs*, ECONOMICUS, Vol. 6 (2011), No. 1, pp. 85-96.
40. **Sh. Kuka, R. Dervishi, Zh. Muka**, *“Teaching Mathematical Concepts Interactively Through the Use of Microsoft Excel”*, BULLETIN OF NATURAL SCIENCES of “F. Noli”, UNIVERSITY, No. 22 (2011), pp. 129-140.
39. E. Shehi, **L. Prifti**, J. Kacani, **A. Fundo**. *“Situation and Perspective of the Textile and Garmen Sector”* ALBANIAN JOURNAL OF NATURAL AND TECHNICAL SCIENCES, Vol. XVII (2011), No. 30, 173-180.
38. **A. Fundo**, G. Guxho, F. Demneri *“Market survey on life safety and flame retardance of textiles in Albania”* ALBANIAN JOURNAL OF NATURAL AND TECHNICAL SCIENCES, Vol. XVII (2011), No. 31, 39-48.

2010

37. **A. Fundo**, E. Pasku, *“Finiteness conditions based on the category of factorization of a category”*. SCIENTIFIC BULLETIN OF “A. XHUVANI” UNIVERSITY, Elbasan, No. 2 (2010), 23-31.
36. E. Pasku, **A. Fundo**, A. Pasku *“Tensor products of additive functors”*, ALBANIAN JOURNAL OF NATURAL AND TECHNICAL SCIENCES, ALBANIAN ACADEMY OF SCIENCES, Vol. XVI (2010), No. 28, 145-157.
35. **K. Hila**, *«On Quasi-prime, Weakly Quasi-prime Left Ideals in ordered Γ -semigroups»*, MATHEMATICA SLOVACA 60 (2010), No. 2, 195-212
34. **L. Prifti, Sh. Shehu** *“Voronoi diagram and its data structure”* SCIENTIFIC BULLETIN OF “A. XHUVANI” UNIVERSITY, No. 2 (2010), 40-55.
33. E. Shehi, **L. Prifti**, J. Kacani. *“Ekonomaska analiza odjevne industrije u Albaniji”* TEKSTIL 1-2. Vol 59 (2010).
32. **Sh. Kuka**, B. Karamani, E. Murati *“Building a WEB-GIS using “OPEN SOURCE” technologies”*, SCIENTIFIC BULLETIN OF “A. XHUVANI” UNIVERSITY, No. 2 (2010), 56-67.
31. Ll. Duni, **Sh. Kuka**, N. Kuka, *“Local relations for converting ML to MW in Southern-Western Balkan Region”*, ACTA GEODAETICA ET GEOPHYSICA HUNGARICA, Vol. 45 (2010), No. 3, p. 317-323.

2009

30. R. Teneqexhi, **A. Fundo**, *“A plain figure’s transformation identification through the scan-print process and its application for optical signs identification”*. BULLETIN OF TECHNICAL SCIENCES, PUT, December 2009.

2008

29. **K. Hila**, “On fuzzy relation and fuzzy quotient Γ -groups”, QUASIGROUPS AND RELATED SYSTEMS, Vol. 16 (2008), No. 2, 199-206.
28. **K. Hila**, “On regular, semiprime and quasi-reflexive Γ -semigroup and minimal quasi-ideals”, LOBACHEVSKII JOURNAL OF MATHEMATICS (SPRINGER VERLAG), Vol. 29(2008), No. 3, 141-152.
27. **K. Hila**, “On normal elements and normal closure in ve - Γ -semigroups”, ALGEBRAS, GROUPS AND GEOMETRIES (USA) 25 (2008), No. 1, 93-108.
26. **K. Hila**, “Bands of Weakly r -Archimedean Ordered Γ -Semigroups”, INTERNATIONAL MATHEMATICAL FORUM, 3(2008), no. 22, 1069 – 1086.
25. **A. Naço, L. Hanelli**, B. Huti. Numerical solution for a wave equation with boundary damping. AKTET: JOURNAL OF INSTITUTE ALB-SHKENCA. Vol. II (2008), Nr. 3, 141-145.

2007

24. **K. Hila**, “On some classes of le - Γ -semigroups”, ALGEBRAS, GROUPS AND GEOMETRIES (AGG) (USA), 24(2007), 485-496.
23. **K. Hila**, “On Green relation H on le - Γ -semigroups” INTERNATIONAL JOURNAL OF PURE & APPLIED MATHEMATICS (IJPAM), Vol. 35 (2007), No. 4, 551-557.
22. **L. Prifti, Sh. Shehu** ”A mathematical model for spatial interpolation with GIS”. SCIENTIFIC BULLETIN OF “A. XHUVANI” UNIVERSITY No. 2 (2007), 5-13.
21. **L. Prifti, Sh. Bozdo** ”An alternative formula for the reliability of Ordinary Kriging estimations”. BULLETIN OF TECHNICAL SCIENCES, PUT, 2007.

2006

20. **K. Hila**, Characterizations on regular le - Γ -semigroups, MATHEMATICAL SCIENCES RESEARCH JOURNAL (USA) 10 (2006), No. 5, 121-130
19. **K. Hila**, E. Pisha, Characterizations on ordered Γ -semigroups, INTERNATIONAL JOURNAL OF PURE & APPLIED MATHEMATICS (IJPAM), Vol. 28 (2006), No. 3, 423-440.
18. **K. Hila**, “Some elements and Green’s relation H in le - Γ -semigroups”, FAR EAST JOURNAL OF MATHEMATICAL SCIENCES (FJMS), Vol. 21(2) (2006), 153-161.
17. **L. Prifti, Sh. Shehu** ”Voronoi diagram and interpolation using the natural neighbor method”. BULLETIN OF TECHNICAL SCIENCES, PUT, 2006.

2003

16. F. Osmani, A. Bejleri, **L. Hanelli**. “Eigenvalue problems and periodic solutions in certain differential equations with singular points. (Potential applications in mechanical vibrations)”, BULLETIN OF TECHNICAL SCIENCES, 2003, 7 pp.

15. F. Osmani, **L. Hanelli**: “Numerical solution of eigenvalue problems of orders 10 and 12 arising in thermal instability”, BULLETIN OF TECHNICAL SCIENCES, 2003, 8 pp.

2002

14. **L. Hanelli, F. Osmani**. “Numerical solution for some special higher order eigenvalue problems arising in thermal instability”, INTERNATIONAL JOURNAL OF COMPUTATIONAL AND NUMERICAL ANALYSIS AND APPLICATIONS, Academic Publications, Vol. 2 (2002), No. 4, 457-476.
13. **L. Hanelli, F. Osmani**: “Numerical solution of eigenvalue problems of orders 6 and 8 arising in thermal instability”, BULLETIN OF TECHNICAL SCIENCES, 2002, 11 pp.
12. Th. Mitre, **A. Fundo** “Regional Integration and Fiscal Policies”, ECONOMIC DEVELOPMENT, Vol. 2(2002). Skopia, North Macedonia.

2001

11. **A. Fundo**, Th. Mitre “Politika fiskale në një bashkim dy vendesh të vogla” – REVISTA TRE-MUJORE EKONOMIKE “EKONOMIA DHE TRANZICIONI”, Viti 8, Nr. 2 (28), Prill-Maj-Qershor 2001. Botim i Qendrës Shqiptare për Kërkime Ekonomike.
10. **A. Fundo**, “Konvergjenca e Bashkimit European, një përvojë e rëndësishme” – REVISTA TRE-MUJORE EKONOMIKE “EKONOMIA DHE BIZNESI”, Nr 2 (6), 2001. Botim i UT, Fakulteti i Ekonomisë.

1996

9. **F. Osmani, L. Hanelli**: “A numerical method for solving the eighth-order eigenvalue problem in thermal instability”, BULLETIN OF NATURAL SCIENCES (UT), 1996, 6 pp.
8. **Sh. Kuka**: "An algorithmic approach to the qualitative study of semigroups, Green's relations, and Szep's decompositions", BULLETIN OF NATURAL SCIENCES (UT), 1996.
7. **Sh. Kuka**: "An algorithmic approach to the qualitative study of semigroups: regular elements, central elements, left zero, right zero, right identity, left identity, etc.", BULLETIN OF NATURAL SCIENCES OF «L. GURAKUQI» UNIVERSITY, Nr.1, 1996.

1994

6. **L. Hanelli, F. Osmani**. “Numerical search for periodic solutions of certain piecewise linear differential equations.”, BULLETIN OF NATURAL SCIENCES (UT), 1994, 6 pp.

1991

5. **L. Hanelli**. “Numerical integration of systems with large oscillations”, BULLETIN OF NATURAL SCIENCES (UT), Nr. 2(1991), pp. 11–15.

1990

4. F. Diamanti & Others & **L. Hanelli**: “Quantitative assessment of hydrocarbon potential in the Outer Albanides under a new contemporary context.”, “NAFTA DHE GAZI”, Nr. 3(1990), pp. 7-18.

1989

3. **L. Hanelli**, K. Gjika. “A shooting-type numerical method for finding periodic solutions of ordinary differential equations with applications in mechanical vibrations.”, BULLETIN OF NATURAL SCIENCES (UT), Nr. 1(1989), pp. 22–28.

1982

2. D. Gjata, **L. Hanelli**. “Determination of saturation pressure and volume coefficient through empirical relationships.”, “NAFTA DHE GAZI”, Nr. 1 (1982), pp. 41-50.
1. G. Melonashi, **L. Hanelli**. “A simple method for determining formation dip elements based on standard preliminary well log measurements with two boreholes.”, “NAFTA DHE GAZI”, Nr. 5 (1982), pp. 6-9.

REFERIME NE KONFERENCA – PRESENTATIONS IN CONFERENCES

409. **S. Kovaçi**, M. Duka, **R. Dervishi**, **Zh. Muka**, Një vështrim i përgjithshëm mbi metodat e ndryshme të studimit të të dhënave hapësinore ambientale, KONFERENCA E DYTË KOMBËTARE: APLIKIMI I TEKNOLOGJIVE TË PASTRA PËR NJË MJEDIS TË QËNDRUESHËM TIRANË, SHQIPËRI, 3 Prill, 2025.
408. **E. Cenaj**, **R. Dervishi**, Aplikimi i Analizave të Regresit të Shumëfishtë për Parashikimin e Energjisë në Shqipëri, KONFERENCA E DYTË KOMBËTARE: APLIKIMI I TEKNOLOGJIVE TË PASTRA PËR NJË MJEDIS TË QËNDRUESHËM TIRANË, SHQIPËRI, 3 Prill, 2025 <https://atpmq.fin.edu.al/>
407. **E. Cenaj**, **R. Dervishi**, **Zh. Muka**, Modelimi dhe Vlerësimi i Ndikimit Mjedisor për të Përbushur Objektivat Klimatike në Sektorin e Transportit, KONFERENCA E DYTË KOMBËTARE: APLIKIMI I TEKNOLOGJIVE TË PASTRA PËR NJË MJEDIS TË QËNDRUESHËM TIRANË, SHQIPËRI, 3 Prill, 2025 <https://atpmq.fin.edu.al/>
406. **A. Basholli**, **T. Budlla (Myftiu)**, The use of relational algebra for query optimization in databases, 13TH INTERNATIONAL SUMMIT SCIENTIFIC RESEARCH CONGRESS, 14-16 February 2025, Sanliurfa, Turkiye.

405. B.C. Agbata, **R. Dervishi, E. Cenaj**, D. F. Agbebaaku, O.C. Collins, M.M. Shior, G.C.E. Mbah, Mathematical Analysis of Fractional-Order Treatment Model of Tuberculosis. 3rd INTERNATIONAL CONFERENCE OF NIGERIA SOCIETY OF PHYSICAL SCIENCES, February 3-6, 2025, Ekiti State, Nigeria.
404. B.C. Agbata, **E. Cenaj, R. Dervishi**, J.D. Yahaya, Shior, m-A. Msuur, E. Abah, S.O Joseph, Analysis of a Fractional-Order Mathematical Model for Monkeypox Using the Atangana-Baleanu Operator. 3rd INTERNATIONAL CONFERENCE OF NIGERIA SOCIETY OF PHYSICAL SCIENCES, February 3-6, 2025, Ekiti State, Nigeria.
403. **A. Basholli, T. Myftiu(Budlla)**, *GeoGebra's Ability to Integrate Algebra with Geometry*. THE 11TH INTERNATIONAL EUROPEAN CONFERENCE ON INTERDISCIPLINARY SCIENTIFIC RESEARCH, 20-22 January 2025, Lisbon Portugal.
402. **E. Cenaj, R. Dervishi**, *A study analysis of the factors of migration in Albania using logistic regression model*. THE 5th INTERNATIONAL CONFERENCE ON SCIENTIFIC AND ACADEMIC RESEARCH, December 23-24, 2024, Konya, Turkey.
401. **E. Cenaj, R. Dervishi**, *Development of a logistic regression model of child violence by family characteristics: A case study using data from self report questionnaires*. THE 4TH INTERNATIONAL CONFERENCE ON FRONTIERS IN ACADEMIC RESEARCH, 13-14 December 2024, Konya, Turkiye.
400. **E. Cenaj, R. Dervishi**, *Application of the Binary Logistic Regression Model in a Social Security Scheme in Albania*. THE 5th INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED NATURAL SCIENCES, August 25-26, 2024, Konya, Turkey.
399. **E. Cenaj, R. Dervishi, Zh. (Muka) Meço**, *Performing Chi-square Test to Identify Factors Related to Human Health in two rural zones of Albania*, THE 5th INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED NATURAL SCIENCES, August 25-26, 2024, Konya, Turkey,
398. **A. Naço, A. Basholli, T. Budlla (Myftiu)**, *Ethics and artificial intelligence in scientific research*. THE 5th INTERNATIONAL ETHICS CONGRESS, December 16-18, 2024, Adana, Turkiye.
397. **A. Naço, A. Basholli, T. Budlla (Myftiu)**, *How relational algebra serves as a foundation for the development of new technologies and research in data management*”, THE 5th INTERNATIONAL BAKU SCIENTIFIC RESEARCHES CONFERENCE, December 11, 2024, Baku-Azerbaijan.
396. **A. Naço, A. Kashuri**, B. Huseyin, *Novel Fractional Integral Inequalities of Bullen-Mercer Type Pertaining to Differentiable Convex Functions with Applications*, KOCAELI SCIENCE CONGRESS 2024 (KOSC-2024), 02-04 October 2024, Istanbul, Turkiye.

395. **A. Naço, A. Peposhi, T. Budlla (Myftiu)**, *Algebra and Artificial Intelligence in Medicine*, 2nd INTERNATIONAL CANADIAN SCIENTIFIC RESEARCH CONGRESS, October 24-25, 2024, Toronto, Canada.
394. **A. Naço, A. Kashuri**, *Generalized Tempered Fractional Simpson-Type Integral Inequalities Using Differentiable n -Polynomial Convex Functions and Their Applications*, WESTERN BALKAN CONFERENCE ON MATHEMATICS AND APPLICATIONS, 6 – 7 September 2024, Tirana, Albania.
393. **A. Naço, T. Budlla (Myftiu)**, *Power of Relational Algebra in SQL Server*, 1ST INTERNATIONAL CANADIAN SCIENTIFIC CONGRESS, May 2024, Toronto, Canada.
392. **A. Kashuri**, R. Liko, “*Novel generalized tempered fractional Milne-type integral inequalities via differentiable s -convex functions and applications*”, 8th INTERNATIONAL CONFERENCE ON MATHEMATICS (ICOMATH), 09-11 July 2024, Istanbul, Turkiye.
391. **A. Kashuri**, R. Liko, “*Some new generalized tempered fractional Milne-type integral inequalities pertaining to differentiable subadditive functions*”, 8th INTERNATIONAL CONFERENCE ON MATHEMATICS (ICOMATH), 09-11 July 2024, Istanbul, Turkiye.
390. **A. Kashuri**, R. Liko, “*Estimations of integral majorization inequality for differentiable convex functions and applications*”, The 8th INTERNATIONAL CONFERENCE ON COMPUTATIONAL MATHEMATICS AND ENGINEERING SCIENCES (CMES), 17-19 May 2024, Sanliurfa, Turkiye.
389. R. Kapçiu, **B. Preni**, E. Kalluçi, “*Revealing Key Genomic Drivers in Acute Leukemia via Advanced WGCNA*.” 11th INTERNATIONAL ZEUGMA CONFERENCE ON SCIENTIFIC RESEARCH (ZEUGMA), March 18-20, 2024, Gaziantep, Turkiye.
388. **S. Kovaçi**, S. Gega, “*Creation of a logic diagram for optimization of the portfolio of KESH operating Drini River Cascade*”, 5th INTERNATIONAL CONFERENCE ON ADVANCED ENGINEERING TECHNOLOGIES (ICADET2024), 25-27 September 2024, Bayburt University, Turkey.
387. **S. Kovaçi**, M. Kovaçi, *Remarks on linear modelling for assessment of electricity consumption in Albania*, THE 5th INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED NATURAL SCIENCES (ICEANS 2024), August 25-26, 2024, Konya, Turkey.
386. D. Sauli, **E. Xhafaj**, *Evaluation of rock properties in naturally fractured reservoir: The Cakran-Mollaj Oilfield, a case study in Albania*. 3rd INTERNATIONAL CONFERENCE ON FRONTIERS IN ACADEMIC RESEARCH, 15-16 June 2024, Konya, Turkey
385. D. Sauli, **E. Xhafaj**, E. Zeqo, N. Gjikaj, “*Enhancing Oil Recovery: Evaluating the Effectiveness of Polymer Injection in the Patos-Marinza Oilfield Using ResInsight Simulations*”, 3rd INTERNATIONAL CONFERENCE ON FRONTIERS IN ACADEMIC RESEARCH, 15-16 June in 2024, Konya, Turkey.

384. **A. Daci**, E. Halimi, F. Hyseni; “Modelling and Analysis of the Dynamics of Viral Infections Using Differential Equations”, UKZ ANNUAL CONFERENCE 2024, "TRENDS AND CHALLENGES IN THE DEVELOPMENT OF CONTEMPORARY SOCIETY", June 13-14, 2024, Gjilan, Kosovo.
383. **A. Daci**, S. Meta, **S. Tola**. “Mathematical Modeling of Price Dynamics and Inventory Management”, WESTERN BALKAN CONFERENCE IN MATHEMATICS AND APPLICATIONS (WBCMA 2024), 6-7 September 2024, Tirana, Albania
382. **A. Peposhi**, *Green’s Relations in Γ -Ternary Semigroups*, 9th INTERNATIONAL CONFERENCE ON INNOVATIVE STUDIES OF CONTEMPORARY SCIENCES, October 10-11, 2024 / Tokyo, Japan.
381. **A. Peposhi**, Enlargements of Γ -regular semigroups, THIRTY-FOURTH INTERNATIONAL CONFERENCE ON: "SOCIAL AND NATURAL SCIENCES – GLOBAL CHALLENGE 2024", 19 April, 2024, Brussels, Belgium.
380. **A. Peposhi**, *Some Characterizations of Γ -Ternary Semigroups*, 10th INTERNATIONAL EUROPEAN CONGRESS ON ADVANCED STUDIES IN BASIC SCIENCES, July 26-28, 2024 / Amsterdam, Netherlands.
379. **E. Maraj**, “Application of Fuzzy Logic in Depth Control of Sevoflurane Anesthesia: Case Study in Albania”, THIRTY-SECOND INTERNATIONAL CONFERENCE ON: “SOCIAL AND NATURAL SCIENCES-GLOBAL CHALLENGE 2024” (ICSNS XXXII-2024), 28 February 2024, Berlin, Germany.
378. **Zh. Meço (Muka)**, E. Kastrati, A. Mehilli, “Statistical and Psychometric Analysis of a Test“. 4th INTERNATIONAL CONFERENCE ON SCIENTIFIC AND ACADEMIC RESEARCH, July 19-20, 2024, Konya, Turkey.
377. **Zh. (Muka)Meço, R. Dervishi**, E. Aliaj, “Impact of Microcredit on the Albanian Economy”, 4th INTERNATIONAL CONFERENCE ON SCIENTIFIC AND ACADEMIC RESEARCH, July 19-20, 2024 : Konya : Turkey
376. **A. Fundo**, A. Kashuri, *Some new inequalities via generalized tempered fractional integral operators with respect to another function*, 1ST NATIONAL CONFERENCE IN MATHEMATICS (1ST NMC-2023), September 29-30, 2023, Tirana, Albania.
375. R. Liko, **A. Kashuri**, E. Lamçe, “Estimation of majorization differences for differentiable convex functions”, 4th INTERNATIONAL CONFERENCE ON NEW RESEARCH AND ADVANCES ON COMPUTER SCIENCE AND INFORMATION TECHNOLOGY (NRA-CSIT), 15-16 December 2023, Vlorë, Albania.
374. **A. Kashuri**, R. Liko, “Tempered fractional Hermite-Hadamard type inequalities pertaining to n -polynomial uniformly convex functions with application”, 4th INTERNATIONAL CONFERENCE ON NEW RESEARCH AND ADVANCES ON COMPUTER SCIENCE AND INFORMATION TECHNOLOGY (NRA-CSIT), 15-16 December 2023, Vlorë, Albania.
373. **A. Kashuri** (invited speaker), “Novelty reverse Minkowski type inequalities pertaining to new generalized tempered fractional integral operators with respect to another function and applications”, 6th INTERNATIONAL CONFERENCE ON

Përmbledhje e Veprimtarisë Kërkimore-Shkencore

©2025 Fakulteti i Inxhinierisë Matematike & Inxhinierisë Fizike-Universiteti Politeknik i Tiranës

PURE AND APPLIED MATHEMATICS (CPAM), 06-07 December 2023, Sargodha, Pakistan.

372. R. Liko, **A. Kashuri**, “Results on reverse Minkowski type inequalities via new generalized tempered fractional integral operators and applications”, THIRD WESTERN BALKAN CONFERENCE ON MATHEMATICS AND APPLICATIONS (WBCMA), 7-9 September 2023, Prishtinë, Kosovë.
371. **A. Kashuri**, R. Liko, “Some novelty inequalities via new generalized tempered fractional integral operators with applications”, THIRD WESTERN BALKAN CONFERENCE ON MATHEMATICS AND APPLICATIONS (WBCMA), 7-9 September 2023, Prishtinë, Kosovë.
370. R. Liko, **A. Kashuri**, “Estimations of bounds for parameterized Simpson’s type inequalities using (s,m) -differentiable convex functions via generalized fractional integrals”, THE 7th INTERNATIONAL CONFERENCE ON COMPUTATIONAL MATHEMATICS AND ENGINEERING SCIENCES (CMES), 20-21 May 2023, Elazig, Turkiye.
369. **A. Kashuri**, R. Liko, “Some new tempered fractional Hermite-Hadamard type inequalities via uniformly convex functions. The 7th INTERNATIONAL CONFERENCE ON COMPUTATIONAL MATHEMATICS AND ENGINEERING SCIENCES (CMES), 20-21 May 2023, Elazig, Turkiye.
368. **T. Myftiu (Budlla)**. *Relational algebra's role in business intelligence in Albania*, 2nd INTERNATIONAL PARIS CONGRESS ON APPLIED SCIENCES, (p. 341-346), August 25-27, 2023 – Paris, France.
367. **T. Myftiu**. *Relational algebra and data science*, 7th INTERNATIONAL EUROPEAN CONFERENCE ON INTERDISCIPLINARY SCIENTIFIC RESEARCH, 28-30 March 2023, Frankfurt, Germany.
366. **A. Daci, S. Tola**, N. Çepa; “Application of Sturm Liouville Problem in the Wave Equation”, INTERNATIONAL SCIENTIFIC CONFERENCE, MATHEMATICAL MODELING, 06 - 09 DECEMBER, 2023, BOROVETS, BULGARIA
365. **A. Çausi**. “Ideal convergence and Ideal Dunford integration on Banach space”, 1ST INTERNATIONAL CONFERENCE ON SCIENTIFIC AND INNOVATIVE STUDIES ICSIS 2023 April 18-20, 2023, Konya, Turkey,
364. **A. Çausi**. “On the Ideal Convergence of Martingales”, 1ST INTERNATIONAL CONFERENCE ON SCIENTIFIC AND INNOVATIVE STUDIES ICSIS 2023, April 18-20, 2023, Konya, Turkey.
363. **E. Musta**. “The New Integral Transform: "NE Transform" and Its Applications”, 32nd INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY STUDIES “RECENT STUDIES AND RESEARCH” 24-25 February 2023, Brussels.
362. **E. Musta**. ”A New Approach of Fuzzy Technique Using “NE” Integral Transform”, 1ST INTERNATIONAL CONFERENCE ON RECENT ACADEMIC STUDIES (ICRAS2023), May 2-4, 2023, Konya, Turkiye.

361. **E. Musta**, “*The Complex Form of “NE” Integral Transform*”, 1st INTERNATIONAL CONFERENCE ON RECENT ACADEMIC STUDIES (ICRAS2023), May 2-4, 2023, Konya, Turkey.
360. F. Basholli, B. Mema, D. Hyka, **A. Basholli**, A. Daberdini, *Analysis of security challenges in SCADA systems, a technical review on automated real-time systems*. 8th ADVANCED ENGINEERING DAYS (AED), 8 December 2023, Mersin, Türkiye.
359. **A. Basholli**, B. Mema, F. Basholli, D. Hyka, **D. Salillari**. “*The role of education in cyber hygiene*”. 7th ADVANCED ENGINEERING DAYS (AED), 9 July 2023, Mersin, Türkiye.
358. B. Mema, F. Basholli, D. Xhafaj, **A. Basholli**, D. Hyka. “*Internet of things in the development of future businesses in Albania*”. 7th ADVANCED ENGINEERING DAYS (AED), 9 July 2023, Mersin, Türkiye.
357. F. Basholli, D. Hyka, **A. Basholli**, A. Daberdini, B. Mema. *Analysis of cyber-attacks through simulation*. 7th ADVANCED ENGINEERING DAYS (AED), 9 July 2023, Mersin, Türkiye.
356. D. Hyka, A. Hyra, F. Basholli, B. Mema, **A. Basholli**, *Data security in public and private administration: Challenges, trends, and effective protection in the era of digitalization*, 7th ADVANCED ENGINEERING DAYS (AED) – 9 July 2023 – Mersin, Türkiye.
355. **D. Kaçorri (Salillari)**, **A. Basholli**, **L. Prifti**, *Non-homogeneous Poisson Process with polynomial function rate to predict road accidents: A case study in Albania*. THE 2nd INTERNATIONAL CONFERENCE ON CONTEMPORARY ACADEMIC RESEARCH ICCAR 2023, 04-05 November 2023, Konya Turkey.
354. **L. Prifti**, **D. Salillari**, N. Firza, “*An agglomerative hierarchical clustering method for text in Albanian*”, The 2nd INTERNATIONAL CONFERENCE ON INFORMATION TECHNOLOGIES AND EDUCATIONAL ENGINEERING, December 15-16, 2023, Tirana, Albania.
353. **D. Salillari**, **L. Prifti**, “*Comparing two case studies on the classification of albanian texts*”, FIRST NATIONAL CONFERENCE IN MATHEMATICS (1st NCM-2023) on September 29-30, 2023 Tirana, Albania.
352. **D. Kaçorri (Salillari)**, **R. Totoni (Lilo)**, **L. Prifti**, “*Multinomial logistic regression to estimate the public perception of air pollution and its impact on health: a case study in Tirana*”, 2ND INTERNATIONAL CONFERENCE ON RECENT ACADEMIC STUDIES (ICRAS2023), 19-20 October 2023, Konya, Turkey.
351. **D. Karaj**, **D. Salillari**, E. Shahu, E. Mehmeti, **E. Tako**, “*Major Metals and Trace Elements Content in Kashar Lake, Artificial Lake of Tirana, Farka Lake and Statistical Data Analysis*” THE 3^D INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, ICEAS 2022, 17-18 November 2022, Tirana, Albania.

350. R. Kosova, D. Halidini, **E. Xhafaj**, A.M. Kosova, *Assessing tourism service quality in Albania: A 5-scale Likert survey, analysis and interpretation with SPSS*, THE 4th INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED NATURAL SCIENCES, November 20-21, 2023, Konya, Turkiye.
349. R. Kosova, D. Halidini, **E. Xhafaj**, N. Gjika, A.M. Kosova, “*Utilizing Decision Analysis and Game Theory in Resolving Conflicts in Albania*”, 2nd INTERNATIONAL CONFERENCE ON RECENT ACADEMIC STUDIES (ICRAS2023), October 19-20, 2023, Konya, Turkiye.
348. **E. Xhafaj**, D. Halidini Qendraj, R. Kosova, N. Gjika, “*Factor Analysis and Cluster Analysis approaches for Web-based Learning System*”, FIRST INTERNATIONAL CONFERENCE ON NATURAL SCIENCES, MATHEMATICS AND TECHNOLOGY, 26 May 2023, Durrës, Albania.
347. R. Kosova, D. Qendraj, **E. Xhafaj**, I. Prifti, “*MCDA application to evaluate urban resilience: Building frameworks and criteria on available data*”, FIRST INTERNATIONAL CONFERENCE ON NATURAL SCIENCES, MATHEMATICS AND TECHNOLOGY, 26 May 2023, Durrës, Albania.
346. D. Sauli, **E. Xhafaj**, “*Analysis of the integration of polymer injection for oil production in the Patos Marinez field. An approach with regression analysis*”, FIRST INTERNATIONAL CONFERENCE ON NATURAL SCIENCES, MATHEMATICS AND TECHNOLOGY, 26 May 2023, Durrës, Albania.
345. R. Kosova, D. Qendraj Halidini, **E. Xhafaj**, N. Gjika, *Building a multicriteria decision analyses framework to help assessing local or national projects*, THE 2nd INTERNATIONAL CONFERENCE ON RECENT ACADEMIC STUDIES October 19-20, 2023, Konya, Turkey.
344. D. Halidini Qendraj, **E. Xhafaj**, R. Kosova, N. Gjika, “*Fuzzy Z-AHP decision support approach to detect the factors that impact the online learning*”, FIRST INTERNATIONAL CONFERENCE ON NATURAL SCIENCES, MATHEMATICS AND TECHNOLOGY, 26 May 2023, Durres, Albania.
343. **Zh. Muka**, **A. Brakaj**, **E. Cenaj**, “*Difficulty of test by Fuzzy logic*”. 2nd INTERNATIONAL CONFERENCE ON CONTEMPORARY ACADEMIC RESEARCH (ICCAR 2023), November 4-5, 2023, Konya, Turkey.
342. A. Beqiraj, **E. Raço**, S. Cenameri, A. Jahja. *Use of multivariate statistical analysis for the identification of the hydrochemical processes in the Tirana – Fushe Kuqe alluvial aquifer, north-western Albania*, INTERNATIONAL CONGRESS OF THE CBGA, 7–11 September 2022, Plovdiv, Bulgaria.
341. **E. Raço**. *SPSS to R: Shiny Dashboard Approach to Converting Tool*, INTERNATIONAL EUROPEAN CONFERENCE ON INTERDISCIPLINARY SCIENTIFIC RESEARCHES, 28-29 January 2022, Valencia, Spain.
340. **E. Raço**. *Social Housing in Albania: Using Shiny to Enhance Visualization and Interpretation of Study Key Findings, New Trends in Mathematical Sciences*, INTERNATIONAL SYMPOSIUM ON APPLIED MATHEMATICS AND ENGINEERING (ISAME 2022), 21-23 January 2022, Istanbul, Turkey.

339. **E. Raço.** *General Overview and Characteristics of Domestic Violence on Children in Albania*, INTERNATIONAL LIBERTY INTERDISCIPLINARY STUDIES CONFERENCE, 16-17 January 2022, Manhattan, New York.
338. **E. Maraj, Sh. Kuka,** "Prediction of Coronary Heart Disease Using Fuzzy Logic: Case Study in Albania", ICECET 2022, INTERNATIONAL CONFERENCE ON ELECTRICAL, COMPUTER AND ENERGY TECHNOLOGIES, 20-22 July 2022, Prague, Czech Republic.
337. **S. Kovaçi,** S. Gega, "Optimization of electricity production in Drini River Cascade", THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, ICEAS 2022, 17-18 November 2022, Tirana, Albania
336. **S. Kovaçi,** M. Kovaçi, "Introduction to Energy Problem in Albania and a New Insight on Energy Concepts", THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, ICEAS 2022, 17-18 November 2022, Tirana, Albania
335. **S. Kovaçi** "Access and inclusion of disadvantaged groups in the Albanian Education System", INTERNATIONAL CONFERENCE "GOOD PRACTICES AND POTENTIALS IN EDUCATIONAL INCLUSION AND DESEGREGATION: INCLUSION4SCHOOLS", 7-8 November 2022, Budapest, Hungary
334. **D. Salillari, L. Prifti,** "Cluster Analysis and Its Application In Albanian Texts" 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES (ICEAS 2022), 17-18, November, 2022, Tirane, Albania.
333. **A. Peposhi, E. Maraj, F. Lekli,** *Ideals and Quasi-Ideals in Γ -Ternary Semigroups*, 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, 17-18 November, 2022, Tirana, Albania.
332. **E. Maraj, T. Myftiu, F. Lekli,** "Evaluation of the performance of a computing system using fuzzy logic", THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, 17-18 November 2022, Polytechnic University of Tirana, Tirana, Albania.
331. **A. Brakaj, L. Hanelli.** "A finite difference method for the solution of a special parabolic equations arising in one-phase flow", THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES (ICEAS 2022), 17-18 November 2022, Tirana, Albania.
330. **E. Maraj, A. Peposhi, A. Brakaj,** "Prevention of COVID-19 in Albania using Fuzzy Logic", THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES (ICEAS 2022), 17-18 November 2022, Tirana, Albania.
329. **T. Myftiu, E. Maraj, A. Peposhi,** "The use of Business Intelligence Systems in Healthcare in Albania", THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES (ICEAS 2022), 17-18 November 2022, Tirana, Albania

328. **A. Çausi**. “Some property of Statistical Pettis Integrability on Freche space ”, 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, 17-18 November 2022, Tirane, Albania.
327. R. Liko, **A. Kashuri**, “Some novel fractional Hermite-Hadamard type inequalities involving exponential kernel pertaining to (h_1, h_2) -preinvex functions and their applications”, SECOND WESTERN BALKAN CONFERENCE ON MATHEMATICS AND APPLICATIONS (WBCMA), 1-3 September 2022, Prishtinë, Kosovë.
326. **A. Gjana, L. Prifti**. Considerations on the traditional and virtual classroom using ANCOVA. THE 3^D INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES (ICEAS 2022), 17-18 November 2022, Tirana, Albania.
325. **E. Maraj**, “Evaluation of Student Performance in Mathematical using Fuzzy Logic”, THE 9th INTERNATIONAL CONFERENCE ON SCIENTIFIC CHALLENGES FOR SUSTAINABLE DEVELOPMENT (SCfSD'22), 03 June 2022, Struga, North Macedonia.
324. M.Y. Abbasi, **K. Hila**, S. A. Khan, A. Raza, “Some properties of generalized lateral hyperideals in ternary semihypergroups”, 8th INTERNATIONAL CONGRESS ON FUNDAMENTAL AND APPLIED SCIENCES 2021 (ICFAS2021), 19-21 October 2021, Antalya, Turkiye.
323. R. Liko, **A. Kashuri**, Ll. Sota, “Time-varying unit root model in nominal exchange rate during Covid-19”, THIRD INTERNATIONAL CONFERENCE ON NEW RESEARCH AND ADVANCES ON COMPUTER SCIENCE AND INFORMATION TECHNOLOGY (NRA-CSIT), 17-18 December 2021, Vlorë, Albania.
322. **A. Kashuri**, R. Liko, M. Ramosaçaj, “New quantum type integral inequalities pertaining to twice q -differentiable χ -convex functions and their applications”, THIRD INTERNATIONAL CONFERENCE ON NEW RESEARCH AND ADVANCES ON COMPUTER SCIENCE AND INFORMATION TECHNOLOGY (NRA-CSIT), 17-18 December 2021, Vlorë, Albania.
321. R. Liko, **A. Kashuri**, Several new bounds of Hermite-Hadamard type integral inequalities and their applications, FIFTH INTERNATIONAL ONLINE CONFERENCE ON MATHEMATICS, 1-3 December 2021, Istanbul, Turkiye.
320. **A. Kashuri**, R. Liko, Several new bounds of Gauss-Jacobi type quadrature formula pertaining to s -convex functions. FIFTH INTERNATIONAL ONLINE CONFERENCE ON MATHEMATICS, 1-3 December 2021, Istanbul, Turkiye.
319. **A. Kashuri**, R. Liko, New parametrized inequalities pertaining to s -convex functions via generalized integral operators with applications, INTERNATIONAL CONFERENCE ON MATHEMATICAL APPLICATIONS (ICMATAP), 1-2 November 2021, Oslo, Norway.
318. **A. Kashuri**, R. Liko, New integral inequalities for exponentially nonconvex functions pertaining Raina function, FIRST WESTERN BALKAN CONFERENCE ON MATHEMATICS AND APPLICATIONS, 10-12 June 2021, Prishtinë, Kosovë.

317. **A. Kashuri**, R. Liko, *Some integral inequalities of Hermite-Hadamard type on time scale and their applications*, XV INTERNATIONAL CONFERENCE ON FRACTIONAL CALCULUS AND APPLIED MATHEMATICS (ICFCAM), 08-09 April 2021, Athens, Greece.
316. **B. Xhaja**, E. Kalluçi, **K. Haxhi**. *Actuarial pricing for motor third party liability in Albania*(ITIA 2021). INFORMATION TECHNOLOGIES AND AUTOMATION 2021, 21-22 October 2021. Odessa National Technological University, Ukraine.
315. **A. Daci**, **S. Tola**. *Logistic equation for the study of covid - 19 in Albania*. VI INTERNATIONAL SCIENTIFIC CONFERENCE SUMMER SESSION, Industry 4.0, 23-26 June 2021, Varna, Bulgaria.
314. **A. Daci**, **S. Tola**. *Application of Dijkstra algorithm to a tramway system of the ongoing expansion city of Tirana*, VI INTERNATIONAL SCIENTIFIC CONFERENCE SUMMER SESSION, Industry 4.0, 23-26 June 2021, Varna, Bulgaria.
313. **S. Tola**, *Comparing the Effectiveness/Robustness of Gammatone and LP Method with direct use of FFT*'. 6th INTERNATIONAL SCIENTIFIC CONFERENCE SUMMER SESSION, Industry 4.0, 23-26 June 2021, Varna, Bulgaria.
312. **S. Tola**, 'An approach of Feature Techniques using Warped frequencies', 6th INTERNATIONAL SCIENTIFIC CONFERENCE SUMMER SESSION, Industry 4.0, 23-26 June 2021, Varna, Bulgaria.
311. **S. Tola**, 'Evaluating the WER for different Extraction Methods', 6th INTERNATIONAL SCIENTIFIC CONFERENCE SUMMER SESSION, Industry 4.0, 23-26 June 2021, Varna, Bulgaria.
310. **D. Salillari**, **L. Prifti**, *On the statistical quality control tools for engineering processes*. 9th INTERNATIONAL TEXTILE CONFERENCE & 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND ENTREPRENEURSHIP 2021, 18-19 November 2021, Tirane, Albania.
309. **A. Gjana**, **S. Kovaçi**. "The Correlation Analysis of The Daily Covid-19 New Cases Data Series in Albania". 10TH INTERNATIONAL CONFERENCE ON MATHEMATICAL MODELING IN PHYSICAL SCIENCES (IC-MSQUARE 2021), 6-9 SEPTEMBER 2021, GREECE (VIRTUAL).
308. **A. Peposhi**, *Ideals and Regularity in Ternary Semigroups*, XV. INTERNATIONAL CONFERENCE ON PURE MATHEMATICS AND PHYSICAL REALITY, January 07-08, 2021, Tokyo, Japan.
307. **A. Peposhi**, "On the Bi-Ideals in Ternary Semigroups", INTERNATIONAL CONFERENCE ON MATHEMATICAL, PHYSICS, AND DYNAMICS (ICMPD), 4 January 2021, Kapurthala, India.
306. **A. Peposhi**, "On Quasi-Ideals in Ternary Semigroups", INTERNATIONAL CONFERENCE ON APPLIED PHYSICS AND MATHEMATICS (ICAPM), Kuala on 1-2 January 2021, Lumpur, Malaysia.

305. **B. Xhaja**, E. Kalluçi, **K. Haxhi**. "Estimating IBNR claims reserve using piecewise extrapolation-interpolation and chain ladder method" "1st INTERNATIONAL CONGRESS OF NATURAL SCIENCES (ICNAS-2021), 10 - 12 September 2021, Atatürk University, Erzurum, Turkiye.
304. **O. Zaçaj, K. Haxhi, E. Raço, E. Llagami**. *Development of Insurance Market in Albania*, 6th IKSAD INTERNATIONAL CONGRESS ON SOCIAL SCIENCES, 26-28 March 2021, Hungary.
303. **O. Zaçaj**, M. Gjoni, O. Hoxhaj. "Analysis of different Outcomes in twin Pregnancies". 6th IKSAD INTERNATIONAL CONGRESS ON SOCIAL SCIENCES, 26-28 March 2021, Hungary.
302. **A. Fundo**, J.-B. Leger, D. Nace, C. Wang, *Dealing with uncertainty in ATM - the Flight Level Assignment problem*, ROADEF2020: CONGRÈS ANNUEL DE LA SOCIÉTÉ FRANÇAISE DE RECHERCHE OPÉRATIONNELLE ET D'AIDE À LA DÉCISION, 19-21 February 2020, Montpellier, France.
301. **E. Raço, K. Haxhi, E. Llagami, O. Zaçaj**. *Modeling the Frequency of Auto Insurance Claims in the Albanian Market*, 1st INTERNATIONAL APPLIED STATISTICS CONFERENCE, 1-4 October 2020, Tokat, Turkey.
300. **K. Haxhi, E. Raço, E. Llagami, O. Zaçaj**. *Estimating Claims Reserve Splitting IBNER and IBNYR in the Chain Ladder Method*, 1st INTERNATIONAL APPLIED STATISTICS CONFERENCE, 1-4 October 2020, Tokat, Turkey.
299. **E. Llagami, E. Raço, K. Haxhi, O. Zaçaj**. *Drug Eluting Stents versus Bare Metal Stents in Patients with ST-Elevated Myocardial Infarction*, 1st INTERNATIONAL APPLIED STATISTICS CONFERENCE, 1-4 October 2020, Tokat, Turkey.
298. **K. Haxhi, E. Raço, E. Llagami, O. Zaçaj**. *Uncertainty of the Claims Development Result in the Chain Ladder Method for Compulsory Motor Insurance*, 1st INTERNATIONAL APPLIED STATISTICS CONFERENCE, 1-4 October 2020, Tokat, Turkey.
297. **O. Zaçaj, K. Haxhi, E. Raço, E. Llagami**. *The Impact of the Insurance Market to the Financial Stability in Albania*, 1st INTERNATIONAL APPLIED STATISTICS CONFERENCE, Tokat, Turkey, 1-4 October 2020.
296. **K. Haxhi**. "MTPL Claims Uncertainty in the Chain Ladder Method", 29th INTERNATIONAL SCIENTIFIC CONFERENCE-KNOWLEDGE IN PRACTICE., December 18, 2020, Bansko, Bulgaria.
295. **A. Kashuri**, R. Liko, "Hermite-Hadamard type integral inequalities involving k -Riemann-Liouville fractional integrals and their applications", XIV INTERNATIONAL CONFERENCE ON DIFFERENTIATION RULES AND INTEGRATION TECHNIQUES (ICDRIT), 11-12 November 2020, Roma, Italy.
294. **B. Xhaja, K. Haxhi**, E. Kalluçi. *The Cohort component method applied in the Albanian population projection*. FIRST INTERNATIONAL APPLIED STATISTICS CONGRESS (1.UYİK-2020). 1- 4 October 2020, Tokat, Turkey.

293. **S. Tola**, “Evaluation of feature extraction methods proposed for speech recognition systems using warped frequency”. 10th INTERNATIONAL CONFERENCE OF ECOSYSTEMS (ICE-2020), June 25-26, 2020, Tirane, Albania
292. **A. Daci**, J. Bundo; “Mathematical model for calculating the equilibrium point of the refrigerant circuit” INTERNATIONAL CONFERENCE ON ADVANCED MECHANICAL AND INDUSTRIAL ENGINEERING 2020 (ICAMIE 2020), 8 July 2020, Indonesia.
291. **E. Xhafaj**, D. Halidini, “Integration of TAM model in Students Acceptance of Google Classroom context Using Partial Least Squares-Structural Equation Model”, 4th INTERNATIONAL CONFERENCE ON MATHEMATICS An Istanbul Meeting for World Mathematicians” 27-30 October 2020,
290. **E. Xhafaj**, D. Halidini, “Using Factor Analysis and Cluster Analysis as tools for studying the service Quality, 4th INTERNATIONAL CONFERENCE ON MATHEMATICS, An Istanbul Meeting for World Mathematicians” 27-30 October 2020, Istanbul Turkey.
289. D. Halidini, **E. Xhafaj**, “The evaluation of online teaching performance in high education using Google Classroom platform: A Fuzzy AHP method”, 4th INTERNATIONAL CONFERENCE ON MATHEMATICS An Istanbul Meeting for World Mathematicians” 27-30 October 2020, Istanbul, Turkey.
288. D. Halidini, **E. Xhafaj**, “Ranking the dimensions and attributes of SERVQUAL model for hotel satisfactory customers in Albania: A fuzzy AHP method”, 4th INTERNATIONAL CONFERENCE ON MATHEMATICS An Istanbul Meeting for World Mathematicians” 27-30 October 2020, Istanbul, Turkey.
287. **Sh. Kuka, A. Gjevori**, "Optimisation of implantation parameters of amorphous TIO₂ thin films by SRIM", XXIX INTERNATIONAL SCIENTIFIC CONFERENCE of the Union of Scientists, 6 - 7 June 2019, Stara Zagora, Bulgaria.
286. **K. Haxhi, O. Zaçaj, E. Raço**. Solvency II: How to Implement it to the Albanian Insurance Market, The XXIX INTERNATIONAL SCIENTIFIC CONFERENCE, Trakya University, June 6-7 2019, Stara Zagora, Bulgaria,
285. **O. Zaçaj, E. Raço**. The Risk of Catastrophes Through Solvency II, The XXIX INTERNATIONAL SCIENTIFIC CONFERENCE, Trakya University, June 6-7 2019, Stara Zagora, Bulgaria,
284. **O. Zaçaj**, O. Hoxhaj, M. Gjoni. “Growth difference in twins”, 32nd PANHELLENIC STATISTICS CONFERENCE, 30 May-1 June 2019, Greek Statistical Institute and the Department of Mathematics of the University of Ioannina, Greece.
283. **O. Zaçaj**, E. Hoxhaj, **A. Tato**. “IFRS 17: impact to the life insurance companies in Albania” ICRAPAM 2019, 12 -16 June 2019, Istanbul, Turkey.
282. **E. Llagami, K. Haxhi, E. Raço**. Mortality Rates: Updating the Most Appropriate Rates for the Albanian Life Insurance Companies, 32nd PANHELLENIC STATISTICS CONFERENCE, Statistical Institute and the Department of Mathematics of the University of Ioannina, Greece, May 30 - June 1, 2019.

281. **K. Haxhi, E. Raço, E. Llagami.** *The Predictive Distribution for Claims Reserves in the Albanian Motor Insurance*, 32nd PANHELLENIC STATISTICS CONFERENCE, Statistical Institute and the Department of Mathematics of the University of Ioannina, Greece, May 30 - June 1, 2019.
280. **E. (Llagami) Beliu, K. Haxhi, O. Zacaj.** “*Two Variable Reduction Techniques in Studying the Effect of Pollution in the Health of the Population in One of the Industrial Areas*”, THE XXIX INTERNATIONAL SCIENTIFIC CONFERENCE, 6-7 June 2019, Stara Zagora, Bulgaria.
279. **T. Myftiu.** “*Life Cycle Of Scientific Data Applied To Healthcare In Albania*”, THE IX INTERNATIONAL CONFERENCE “ISTI SMART ECONOMY AND DIGITAL TRANSFORMATION, Department of Statistics and Applied Informatics Faculty of Economy, University of Tirana, 17-18 May, 2019, Tirana, Albania.
278. **F. Lekli,** “*Commutative Ideal Theory and Dedekind Domains*”, ICFAS (INTERNATIONAL CONGRESS ON FUNDAMENTAL AND APPLIED SCIENCES), 18-20 June 2019, University of New York Tirana, Tirana, Albania.
277. **L. Prifti, D. Salillari, A. Basholli.** “*On the linear mean square estimation*” 5th INTERNATIONAL CONFERENCE ON NATURAL AND ENGINEERING SCIENCES, 27-30 August 2019, Istanbul, Turkey.
276. **D. Salillari, L. Prifti.** “*Using R to analyze the Albanian language features*” 3rd INTERNATIONAL CONFERENCE IN HUMAN, SOCIAL AND APPLIED SCIENCES. KULOGOS, 11 April 2019, Tirane, Albania.
275. **L. Prifti, D. Salillari.** “*Modeling of medical data with regression methods*”. 3rd INTERNATIONAL CONFERENCE IN HUMAN, SOCIAL AND APPLIED SCIENCES. KULOGOS, 11 April 2019, Tirane, Albania.
274. **A. Basholli, L. Prifti,** “*An Optimization Problem Using the Center of Gravity Method*” 5th INTERNATIONAL CONFERENCE ON NATURAL AND ENGINEERING SCIENCES, 27-30 August 2019, Istanbul, Turkey.
273. **E. Cenaj, R. Dervishi,** “*Application of the Multiple Logistic Regression Model in a Social Security Scheme. The case of Albania*”. XXIX INTERNATIONAL CONFERENCE STARA ZAGORA, June 6-7, 2019, Stara Zagora, Bulgaria.
272. **R. Dervishi, E. Cenaj,** “*Positivist social science and the role of statistics*” 32nd PANHELLENIC STATISTICS CONFERENCE, University of Ioannina, May 31-June 2, 2019, Ioannina, Greece.
271. **A. Daci, S. Tola;** “*Discrete Dynamical Systems, Exponential Growth*”, 1st INTERNATIONAL CONFERENCE “RESEARCH APPLICATION AND EDUCATIONAL METHODS”, May 24, 2019 — Korçë, Albania.
270. **E. Maraj, Sh. Kuka,** “*Job and Personnel Assessment in a Company Using Fuzzy Logic*”, 9th INTERNATIONAL CONFERENCE “INFORMATION SYSTEMS AND TECHNOLOGY INNOVATION: SMART ECONOMY AND DIGITAL TRANSFORMATION” 17-18 May 2019, Tirana, Albania.

269. **S. Kovaçi**, L. Pepkolaj, **E. Tako**, A. Binjaku, A. Meci (Berdilla), “*The Impact of ICTs on Teaching and Learning*”. INTERNATIONAL CONGRESS ON EDUCATION, SCIENCES AND LEARNING TECHNOLOGY. 6-10 November 2019, Sarajevo, Bosnia and Herzegovina
268. **E. Xhafaj**, R. Kosova, “*The use of partial least squares structural equation modeling approach for analysis of the dimensions of poverty, a case study of Albania*. INTERNATIONAL CONFERENCE ON MATHEMATICS: AN ISTANBUL MEETING FOR WORLD MATHEMATICIANS, 3-5 July 2019, Istanbul, Turkey, ICOM 2019.
267. R. Kosova, **E. Xhafaj**, D. Halidini, “*Performance evaluation of university academic staff in teaching, research, service using MCDA method and AHP*”, INTERNATIONAL CONFERENCE ON MATHEMATICS: “AN ISTANBUL MEETING FOR WORLD MATHEMATICIANS”, 3-5 July 2019, Istanbul, Turkey, ICOM 2019.
266. R. Kosova, **E. Xhafaj**, D. Halidini, “*Interactive Teaching in the Classroom. Engaging Computer Science Students Learning Mathematics Through Creating And Programming*, INTERNATIONAL SCIENTIFIC CONFERENCE“, INNOVATION MATHEMATICS AND INFORMATION TECHNOLOGY, 22-23 November 2019, Tirane, Albania.
265. R. Kosova, **E. Xhafaj**, D. Halidini Qendraj, “*Performance and Governance of the Albanian Universities by Multi-Criteria Analysis*”. EURO WORKING GROUP ON MULTICRITERIA DECISION AIDING, Trento, (2019).
264. **E. Xhaferraj (Musta)** "Mixture of two Methods for Solving Some Differential Equations", 6-th INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN PURE AND APPLIED MATHEMATICS (ICRAPAM 2019) Istanbul, Turkey.
263. **R. Dervishi**, E. Tuzi, “*The use of mathematics in architecture*”. XXIX INTERNATIONAL CONFERENCE STARA ZAGORA, Stara Zagora, Bulgaria, June 6-7, 2019
262. **A. Kashuri**, R. Liko, “*On Fejér type inequalities for convex mappings utilizing generalized fractional integrals*”, FIRST SCIENTIFIC CONFERENCE “INNOVATION, MATHEMATICS AND INFORMATION TECHNOLOGY (ISC-IMIT), 22-23 November 2019, Tirana, Albania.
261. **A. Kashuri**, R. Liko, “*Ostrowski type fractional integral inequalities*”, 2nd INTERNATIONAL CONFERENCE ON NEW RESEARCH AND ADVANCES ON COMPUTER SCIENCE AND INFORMATION TECHNOLOGY (NRA-CSIT), 18-19 October 2019, Vlorë, Albania.
260. R. Liko, **A. Kashuri**, M. Ramosacaj, *An investigation of calendar anomalies in Albanian nominal exchange rate*, 2nd INTERNATIONAL CONFERENCE ON NEW RESEARCH AND ADVANCES ON COMPUTER SCIENCE AND INFORMATION TECHNOLOGY (NRA-CSIT), 18-19 October 2019, Vlorë, Albania.
259. **A. Kashuri**, R. Liko, “*Some Hermite-Hadamard type inequalities for n -time differentiable functions which are generalized (s, m, φ) -preinvex*”, 6th

INTERNATIONAL CONGRESS ON FUNDAMENTAL AND APPLIED SCIENCES (ICFAS), 18 – 20 June 2019, Tiranë, Albania.

258. **A. Kashuri**, R. Liko, “*Ostrowski type fractional integral inequalities*”, RESEARCH APPLICATIONS AND EDUCATIONAL METHODS, 24 May 2019, Korçë, Albania.
257. R. Liko, **A. Kashuri**, M. Ramosacaj, “*Evidence of calendar anomalies in Albanian nominal exchange rate*”, RESEARCH APPLICATIONS AND EDUCATIONAL METHODS (RAEM), 24 May 2019, Korçë, Albania.
256. M. Pasha (Dëra), **R. Datja**, A. Skandaj, “*Iterated Tikhonov for ill posed problems with SVD and parameter evaluation*”. THE FIRST INTERNATIONAL SCIENTIFIC CONFERENCE ON INFORMATION TECHNOLOGY AND MATHEMATICS: “INNOVATION, MATHEMATICS AND INFORMATION TECHNOLOGY” ISC-IMIT 2019, 22-23 November 2019, Tirana, Albania.
255. **A. Fundo**, D. Nace, C. Wang, *A Heuristic Approach for the Robust Flight Level Assignment Problem*, THE 5TH INTERNATIONAL CONFERENCE “BELIEF FUNCTIONS: THEORY AND APPLICATIONS”, BELIEF 2018, September 17–21, 2018, Compiègne, France.
254. R. Teneqexhi, L. Kuneshka, **A. Naço**, *Organizing of International “Kangaroo” Competition in Albania with Personalized Answer Sheets and Assesment by Scanner*, INTERNATIONAL CONFERENCE ON E-LEARNING (Madrid, Spain, July 17-19, 2018).
253. **Sh. Kuka, A. Gjevori**. *Using SRIM to calculate concentration profiles of carbon and nitrogen ions on amorphous TiO₂ thin films*, JOINT SCIENCE CONGRESS OF MATERIALS AND POLYMERS, ISCMP2018, 10-12 November 2018, Dures, Albania. e-ISBN: 978-605-5267-49-0. Sidas Medya Ltd. Şti.: Fevzipaşa Blv. Çelik İş Merkezi Kat:3 D: 302 Çankaya, İzmir, Turkey.
252. E. Gjika (Dhamo), Ll. Puka, **O. Zaçaj**. “*Forecasting consumer price index (CPI) using time series models and multiregresion models (Albania case study)*”, 10th INTERNATIONAL SCIENTIFIC CONFERENCE “BUSINESS AND MANAGEMENT 2018” May 3–4, 2018, Vilnius, LITHUANIA.
251. **A. Çausi**. “*Pettis Integral on Banach Space*”, INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN PURE AND APPLIED MATHEMATICS (ICRAPAM 2018) Trabzon, Turkey.
250. **E. Xhaferraj (Musta)**. “*On a Integral-Transform to Differential Equations*”, 5-th INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN PURE AND APPLIED MATHEMATICS (ICRAPAM 2018) Trabzon, Turkey.
249. **A. Daci, S. Tola**; “*Application of Laplace Transform in Finance*” II INTERNATIONAL SCIENTIFIC CONFERENCE, MATHEMATICAL MODELING, Industry 4.0, ISSUE 1(2)/2018, 12-15 December, 2018, Borovets, Bulgaria.
248. **S. Tola**, “*Evaluation of Robustness in ASR for different ‘Front-End’ methods*”. INTERNATIONAL SCIENTIFIC CONFERENCE, MATHEMATICAL MODELING, Industry 4.0, ISSUE 1(2)/2018, 12-15 December, 2018, Borovets, Bulgaria.

247. M. Kovaçi, **S. Kovaçi**, “Analysis of The Impact of Different Technologies for Diversification of Electricity Production from Renewable Sources In Albania”, INTERNATIONAL SCIENTIFIC CONFERENCE, ISCOIM, 23-24 February 2018. Durrës, Albania.
246. **D. Salillari, L. Prifti** “Some statistical quality control techniques using R”. 8th INTERNATIONAL TEXTILE CONFERENCE 2018, FIM, PUT, Tirana, Albania. 18-19.October 2018.
245. **D. Salillari, L. Prifti**. "Some classifier methods in processing medical image". 2nd INTERNATIONAL CONFERENCE ON APPLIED SCIENCES AND ECONOMY. KULOGOS, Tirane, Albania. 20 April 2018.
244. **M. Kreku, A. Fundo**, “Local Fractional α – integral Variational Iteration Method for solving Diffusion and wave Equations on Cantor Sets“, INTERNATIONAL CONFERENCE, ISTI – 2017 , June 23 - 24, 2017, Tirana, Albania.
243. **M. Kreku, A. Fundo**, “A Coupling Method of Local Fractional Variational Iteration Method and a new Local Fractional α - integral Transform for Solving Laplace Equation on Cantor Sets“, 12TH INTERNATIONAL ANNUAL MEETING OF “ALB-SHKENCA” INSTITUTE “IASH 2017”, 01-03 September 2017, Prishtina, Kosovo.
242. K. Naka, **K. Hila**, S. Onar, B.A. Ersoy, *Study of Γ -hyperrings by fuzzy hyperideals with respect to a t -norm*, 13TH INTERNATIONAL CONFERENCE OF ALGEBRAIC HYPERSTRUCTURES AND ITS APPLICATIONS (AHA2017), July 24-27, 2017, Istanbul, Turkiye.
241. K. Naka, **K. Hila**, S. Onar, B.A. Ersoy, “On an algebra of fuzzy m -ary semihypergroups”, 13TH INTERNATIONAL CONFERENCE OF ALGEBRAIC HYPERSTRUCTURES AND ITS APPLICATIONS (AHA2017), July 24-27, 2017, Istanbul, Turkiye.
240. K. Naka, **K. Hila**, S. Onar, B.A. Ersoy, “The embedding of an ordered semihypergroup in terms of fuzzy sets”, 13TH INTERNATIONAL CONFERENCE OF ALGEBRAIC HYPERSTRUCTURES AND ITS APPLICATIONS (AHA2017), July 24-27, 2017, Istanbul, Turkiye.
239. **A. Kashuri**, R. Liko, “Some new integral inequalities for the generalized (s, m, φ) -preinvex Godunova-Levin functions of the second kind”, CONFERENCE ON NATURAL SCIENCES AND TECHNOLOGY (KSNTTEK), 17-18 November 2017, Tiranë, Albania.
238. **A. Kashuri**, M. Ramosaçaj, R. Liko, “Uncertain fuzzy Hermite-Hadamard type inequalities for generalized (s, m, φ) -preinvex Godunova-Levin functions of the second kind”, INTERNATIONAL CONFERENCE IN COMPUTING, INFORMATION TECHNOLOGY AND BUSINESS APPLICATIONS (ICCITBA), 6 May 2017, Durrës, Albania.
237. R. Liko, **A. Kashuri**, “Investigation of relationship between exchange rate and inflation in Albania”, FOURTH INTERNATIONAL SCIENTIFIC CONFERENCE

SCIENTIFIC CHALLENGES FOR SUSTAINABLE DEVELOPMENT (SCfSD), 22-23 Prill 2017, Strugë, North Macedonia.

236. **S. Kovaçi**, D. Asani, D. Prenga. "Some Specifics on the Estimation of Shadow Economy in Albania and other similar socio - economical environments". 8th INTERNATIONAL CONFERENCE "INFORMATION SYSTEMS AND TECHNOLOGY INNOVATIONS: FOSTERING THE AS-A-SERVICE ECONOMY-ISTI- 2017, June 23 -24, 2017, Tirana, Albania.
235. **D. Salillari, L. Prifti**, "Statistical analysis of Albanian texts using R". THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania.
234. **R. Datja, M. Pasha (Dëra), A. Asimi**, "Numerical solutions of 2d Laplace equation with finite element method and finite difference method". THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania.
233. **R. Datja**, E. Kalluçi (Xhaja), "The method of collocation based on weight functions for solving the diffusion equation", CONFERENCE ON NATURAL SCIENCES AND TECHNOLOGY, KSNTEK 2017, 17-18 November 2017, Tirana, Albania.
232. **B. Xhaja**, L. Nikolla, "B-Splines to obtain a fit for signal and image processing" THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania.
231. **E. Maraj, Sh. Kuka, A. Peposhi, I. Ikonomi** "Fuzzy logic in drinking water consumption prediction", THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania.
230. **E. Maraj, Zh. Muka, Sh. Kuka**, "Fuzzy Logic in the Issue of Consumer Credit Scoring", THE 8th INTERNATIONAL CONFERENCE "INFORMATION SYSTEMS AND TECHNOLOGY INNOVATION: FOSTERING THE AS-A-SERVICE ECONOMY", 23-24 June 2017, Tirana, Albania.
229. **Zh. Muka, E. Maraj, Sh. Kuka**, "Estimation of rainfall with Fuzzy Logic of the Devolli river", THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania.
228. **Sh. Kuka, Zh. Muka, E. Maraj**, *Development of a precipitation-surface runoff model, based on Fuzzy logic theory*, THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania.
227. **Sh. Kuka**, E. Kuka, V. Mitezi, E. Pina "On the control and assessment of radio signal coverage quality in cellular networks", THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania.
226. **Zh. Muka, E. Maraj, Sh. Kuka**. "Application of Fuzzy Logic for Students Assessment", THE 2nd INTERNATIONAL CONFERENCE "IDEAS, EXPERIENCES

AND DIDACTIC PRACTICES IN INCREASING EFFECTIVENESS OF KNOWLEDGE TRANSMISSION", 10-11 November 2017, Korçe, Albania.

225. **E. Cenaj, R. Dervishi, Sh. Kuka**, "Mathematical simulation of an accident situation at intersection", INTERNATIONAL CONFERENCE ON APPLIED AND ECONOMETRICS (ICASE 2017), 27-28 April 2017, Tirana, Albania.
224. E. Dishmema, **L. Hanelli**. "The adaption of Runge-Kutta method in order to solve delay differential equations", THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania.
223. M. Pasha, **L. Hanelli**, A. Skandaj, *Regularization methods for solving linear systems of equations with ill posed matrix. Some numerical results in MATLAB.* THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania
222. V. Bame, **L. Hanelli**, O. Toshkollari, *Telpher oscillation using finite difference method*, THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania
221. A. Peci, B. Sika, **L. Hanelli** "An Optimization model for the network of fuel stations and its solving through the simulation methods. THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania.
220. V. Bame, **L. Hanelli**, O. Toshkollari. "Lift oscillation using finite elements methods", THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania.
219. **E. Raço, A. Kondi**. *Albanian Institute of Statistics Approach to R Language*, INTERNATIONAL CONFERENCE ON APPLIED STATISTICS AND ECONOMETRICS (ICASE 2017), Epoka University and INSTAT, Albania, 2017.
218. **T. Myftiu, A. Naço, E. Raço**. *eHealthcare as Part of e-Government in Albania*, INFORMATION SYSTEMS AND TECHNOLOGY INNOVATIONS: FOSTERING THE AS-A-SERVICE ECONOMY, Faculty of Economics, Tirana University, Tirana, June 23-24, 2017, Albania.
217. **T. Myftiu**, P. Xhuli. "Building an application based on the SIR mathematical Model for spreading infectious diseases", THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania.
216. **T. Myftiu, P. Malkaj**: "Embracing Digitalization in Healthcare: A Necessity of Our Time"; NATIONAL MEDICAL CONFERENCE; May 2017, Tirana, Albania.
215. **O. Zaçaj, E. Raço, R. Dervishi**. *Actuarial Investigations on the Mortality Rates of the Life Insured Classes in Albania*, THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania.

214. **E. Llagami, E. Raço, K. Haxhi.** *Maximum Likelihood Estimation and Policy Limit Bound for Loss Amount Distributions*, THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania.
213. D. Halidini Qendraj, **E. Xhafaj**, N. Gjokaj, R. Kosova. “Using the surrogate variables for the misclassification values in Dtree and Weka Package”. 1st INTERNATIONAL CONFERENCE IN COMPUTING, INFORMATION TECHNOLOGY AND BUSINESS APPLICATIONS ICCITBA (2017).
212. **E. Xhafaj**, L. Mukli, D. Halidini Qendraj “Classification of the factors influencing household expenditure according to Cart method. A case study in the Albanian households”, 1st INTERNATIONAL CONFERENCE IN COMPUTING, INFORMATION TECHNOLOGY AND BUSINESS APPLICATIONS ICCTBA (2017).
211. **A. Çausi.** “On Statistical Dunford and Pettis Integration”, INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN PURE AND APPLIED MATHEMATICS (ICRAPAM 2017) Kusadasi, Aydin, Turkey.
210. **A. Çausi.** “Unconditional converges of series and statistical Pettis integration”, THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania.
209. **E. Cenaj, L. Prifti,** “Statistical analysis of the effect of air pollution on human”, 7th INTERNATIONAL CONFERENCE OF ECOSYSTEMS, Tirana, Albania, 02-05 June 2017.
208. **E. Cenaj, R. Dervishi,** “Using Bayesian Methods for Categorical Data Analysis” INTERNATIONAL CONFERENCE ON APPLIED AND ECONOMETRICS (ICASE 2017), 27-28 April 2017, Tirana, Albania,
207. **A. Gjana,** A. Benga, G. Zeneli. “Optimal Portfolio Models and Medium Variance Tests”. THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania.
206. **E. Xhaferraj (Musta).** "Speech Quality Analysis with Respect to Noise Corruption by a Kalman Filter to Estimation the Parameters of the SWLP Method", 4th INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN PURE AND APPLIED MATHEMATICS (ICRAPAM 2017) Kusadasi, Aydin, Turkey.
205. **A. Gjana,** G. Zeneli, A. Benga. *Portfolio Analysis Using Mathematical Methods.* INTERNATIONAL CONFERENCE ON “SOCIO-ECONOMIC PERSPECTIVES IN THE AGE OF XXI CENTURY GLOBALIZATION”, 1-2 December 2017. Tirana, Albania
204. **A. Fundo,** Rr. Ormeni, *Some basic aspects of seismic activity during 2015 year*, 6th INTERNATIONAL CONFERENCE ON SCIENCE, TECHNOLOGY AND MANAGEMENT, 4 Decemeber 2016, New delhi, India.
203. M. Elmazaj, **A. Fundo,** *Mbiarsimimi i te diplomuarve dhe ndikimi i tij ne te ardhurat,* INTERNATIONAL CONFERENCE ON “INTERDISCIPLINARY STUDIES”, 5 March 2016, Tirana, Albania.

202. **A. Fundo**, *The future of networking: software networks*, 7th INTERNATIONAL CONFERENCE “INFORMATION SYSTEMS AND TECHNOLOGY INNOVATIONS: THE NEW PARADIGM FOR A SMARTER ECONOMY” (ISTI) 2016, Tirane, Albania.
201. **A. Fundo**, *Mathematical model to evaluating the performance of foreign funds with fuzzy theory (multi-criteria) for decision-making*, 7th INTERNATIONAL CONFERENCE “INFORMATION SYSTEMS AND TECHNOLOGY INNOVATIONS: THE NEW PARADIGM FOR A SMARTER ECONOMY” (ISTI) 2016, Tirane, Albania.
200. **A. Fundo**, D. Nace, D. Savourey, F. Gjata, *The Robust Flight Level Assignment Problem*, PGMODAYS 2016, FONDATION MATHEMATIQUE JACQUES HADAMARD, 8-9 November 2016 at EDF’Lab Paris Saclay, France
199. K. Naka, **K. Hila**, L. Gjoni, “*On some structure spaces in Γ -semihypergroups*”, 15TH PANHELLENIC CONFERENCE ON MATHEMATICAL ANALYSIS, May 27-29, 2016, HERAKLION, UNIVERSITY OF CRETE, GREECE.
198. **Sh. Kuka, A. Naço**, R. Kosova: “*On the control and evaluation of the coverage quality with radio-signals of the celular networks. A Case Study from Tirana, Albania*”. 24th CONFERENCE ON APPLIED AND INDUSTRIAL MATHEMATICS - CAIM 2016, ISSN 2537-2688, Craiova, Romania, September 15-18, 2016.
197. R. Liko, **A. Kashuri**, M. Ramosaçaj, “*Empirical modeling of exchange rate returns*”, INTERNATIONAL SCIENCE AND TECHNOLOGY CONFERENCE (ISTEC), 13-15 July 2016, Viena, Austria.
196. D. Halidini (Qendraj), **E. Xhafaj**, N. Gjikaj, *A comparison between cart and c5.0 algorithms for the generation amount ratio of waste recycling for households of Albania*, INTERNATIONAL INTERDISCIPLINARY CONFERENCE, , 18-20 November 2016, Tetovo, North Macedonia
195. D. Halidini, **E. Xhafaj**, B. Behari, *Handling Missing Values Using the Surrogate Splits Method in the DTREG Software*. Workshop: AKMA-“ ASPECTS OF RESEARCH ON APPLIED MATHEMATICS, METHODS AND APPLICATIONS”, 3 December 2016, Tirana, Albania.
194. E. Gjika (Dhamo), A. Gjeçka A., **O. Zaçaj**. “*Projection of the Consumer Price Index using time series methods (The Case of Albania)*”, Workshop: AKMA-“ ASPECTS OF RESEARCH ON APPLIED MATHEMATICS, METHODS AND APPLICATIONS”, 3 December 2016, Tirana, Albania.
193. **E. Xhafaj**, D. Halidini Qendraj, N. Gjikaj, “*Multiple correspondence analysis method for evaluating the standard of living. Case study Albania*”. 5th UBT ANNUAL INTERNATIONAL CONFERENCE ON BUSINESS, TECHNOLOGY AND INNOVATION, 28-30 October 2016, Durrës, Albania.
192. **E. Xhafaj**, R. Kosova, “*A logistic regression model to determine the factors that affects poverty, Case study: Albanian households*”, 7th INTERNATIONAL SCIENTIFIC CONFERENCE. ECONOMIC POLICY AND EU INTEGRATION, April 8th, 2016,

Durrës, Albania.

191. **S. Kovaçi**, *The Use of Parametric Distributions and Empirical Mode Decomposition to analyze the exchange rate ALL/EURO*. 7th INTERNATIONAL CONFERENCE "INFORMATION SYSTEMS AND TECHNOLOGY INNOVATIONS: THE NEW PARADIGM FOR A SMARTER ECONOMY", June 17 - 18, 2016, Tirana, Albania.
190. **A. Naço, A. Asimi, L. Hanelli** "Scattered Data Interpolation using Radial Basis Functions". The 24th CONFERENCE OF APPLIED AND INDUSTRIAL MATHEMATICS - CAIM 2016, 15 - 18 September 2016, Craiova, Romania.
189. **A. Asimi, L. Hanelli**, "A holt winters model for forecasting daily system defects of albanian telephone network." XXVI INTERNATIONAL CONFERENCE STAR ZAGORA, 2-3.06.2016 Union of Scientist-STAR ZAGORA Bulgaria.
188. K. Naka, **K. Hila**, "On a generalization of prime hyperideals of commutative hyperrings", INTERNATIONAL CONFERENCE "MATHEMATICS DAYS IN TIRANA"(MDT2015), December 11-12, 2015, TIRANA, ALBANIA.
187. **A. Fundo**, E. Aliaj, "Parallelization of an information transferring algorithm between binary files", THE 3rd INTERNATIONAL CONFERENCE ON "RESEARCH AND EDUCATION CHALLENGES TOWARDS THE FUTURE" (ICRAE 2015), Shkodër, October 23-24, 2015.
186. **A. Fundo, A. Kashuri**, R. Liko, **M. Kreku**, "Fuzzy new integral transform method for solving second-order fuzzy differential equations", INTERNATIONAL CONFERENCE "MATHEMATICS DAYS IN TIRANA"(MDT2015), December 11-12, 2015, TIRANA, ALBANIA.
185. **A. Fundo, Sh. Kuka**: "The role of map algebra in spatial information analysis", "Parallelization of an information transferring algorithm between binary files", THE 3rd INTERNATIONAL CONFERENCE ON "RESEARCH AND EDUCATION CHALLENGES TOWARDS THE FUTURE" (ICRAE 2015), October 23-24, 2015, Shkodër, Albania.
184. **A. Kashuri, A. Fundo**, R. Liko, "New integral transform in Caputo type fractional difference operator", 4th UBT ANNUAL INTERNATIONAL CONFERENCE ON BUSINESS, TECHNOLOGY AND INNOVATION, 6-7 November 2015.
183. B. Huti, **L. Hanelli**, "The study of the influence of multiplying parameter in the numerical methods of shooting type", The 3rd INTERNATIONAL CONFERENCE ON "RESEARCH AND EDUCATION-CHALLENGES TOWARDS THE FUTURE", ICRAE 2015, 23-24 October 2015, Shkodra, Albania.
182. R. Liko, **A. Kashuri**, M. Ramosaçaj, "Testing the martingales property of daily exchange rate", 4th ANNUAL INTERNATIONAL CONFERENCE ON BUSINESS, TECHNOLOGY AND INNOVATION, 6-7 November 2015, Durrës, Albania.
181. **Dh. Kuqi, Sh. Kuka, M. Kuqali, P. Malkaj, A. Hoxha**: "Digital Mapping of electromagnetic field for frequencies from 900 to 1 800 MHz in some areas in

- Tirana", 9TH INTERNATIONAL PHYSICS CONFERENCE OF BALKANS PHYSICAL UNION, Volume 1722, (BPU-9) , 24-27 August 2015, Istanbul, Turkey.
180. J. Bushati, **Sh. Kuka**, K. Sevrani, A. Sula "*Integration of the GIS/GPS technologies in the pre-university education*", UFZG2015 CONFERENCE, 13-15 April 2015, Opatija, Croatia.
179. E. Gjika (Dhamo), **O. Zaçaj**. *Claim Provisions: Introducing a Methodology for the Albanian Insurers*, The 3rd VIRTUAL MULTIDISCIPLINARY CONFERENCE, December, 7-11. 2015, University of Zilina, Zilina, Slovakia
178. **A. Basholli**. "*Goal programming applications using excel and tora* ", THE 3rd INTERNATIONAL CONFERENCE ON: "RESEARCH AND EDUCATION – CHALLENGES TOWARDS THE FUTURE" ICRAE 2015, 30-31 October 2015, Shkoder, Albania.
177. **L. Prifti, E. Cenaj, Sh. Shehu**, "*Statistical analysis of health reaction to air pollution*", 5th INTERNATIONAL CONFERENCE OF ECOSYSTEMS, June 05 - 08, 2015, Tirana, Albania,.
176. K. Dhoska, M. Alcani, A. Dorri, **A. Daci**, A. Gjeta, V. Vabson, T. Kübarsepp; "*Systematic Influences in a Mass Comparator*", 9th RESEARCH/EXPERT CONFERENCE WITH INTERNATIONAL PARTICIPATIONS "QUALITY 2015", Neum, B&H, June 10 – 13, 2015, Estonia.
175. R. Kosova, **E. Xhafaj**, D.a Halidini, "*A probability approach to Hubbert method of oil production and reserves estimation. Applications in some Albanian oilfields*", CONFERENCE, STATISTICS, PROBABILITY & NUMERICAL ANALYSIS, SPNA 2015, FSHN, UT, Tirane, Albania.
174. **S. Kovaçi**, "*Q-Calculus and Functions using in Real Systems*", in Proceeding: INTERNATIONAL PHYSICS CONFERENCE, TIRANA 2015 (IPTC2015), Tirana, 13 Nov. 2015; Albania.
173. D. Prenga, E. Vuka, M. Ifti, **S. Kovaçi**, "*Q-Calculus Used in the Study Of Exchange Rate Time Series For Currencies Traded In Albania*". THE 3RD INTERNATIONAL CONFERENCE ON: RESEARCH AND EDUCATION – CHALLENGES TOWARDS THE FUTURE-ICRA 2015; 23-24 October 2015, Shkodër, Albania.
172. **S. Kovaçi**, D. Prenga, E. Vuka, "*Estimation of The Dynamics In Electoral Subnetworks for Election in Albania*". THE 3RD INTERNATIONAL CONFERENCE ON: RESEARCH AND EDUCATION – CHALLENGES TOWARDS THE FUTURE-ICRA 2015, 23-24 October 2015, Shkodër, Albania.
171. E. Vuka, **S. Kovaçi**, D. Prenga, "*Empiric Mode Decomposition Algorithms and Analysis as Alternative Study of Stochastic Nonlinear Processes*". THE 3RD INTERNATIONAL CONFERENCE ON: RESEARCH AND EDUCATION – CHALLENGES TOWARDS THE FUTURE-ICRA 2015. 23-24 October 2015, Shkodër, Albania.
170. **A. Fundo**, D. Nace, "*A study on the robust flight level assignment problem*" - 15^{ème} CONGRÈS ANNUEL DE LA SOCIÉTÉ FRANÇAISE DE RECHERCHÉ

OPÉRATIONNELLE ET D'AIDE À LA DÉCISION (ROADEF), Université de Bordeaux, 26-28 February 2014, France.

169. **A. Fundo, E. Raço, A. Naço, T. Myftiu**, “*Statistical relationship between rural poverty and congenital birth defects in Albania: a GIS Approach*” INTERNATIONAL CONFERENCE “INFORMATION SYSTEM AND TECHNOLOGY INNOVATION: PROJECTING TRENDS TO A NEW ECONOMY”(ISTI). Tiranë, 2014.
168. **A. Fundo**, “*Comparing NTFS file system with ETX4 file system*”, INTERNATIONAL CONFERENCE “INFORMATION SYSTEM AND TECHNOLOGY INNOVATION: PROJECTING TRENDS TO A NEW ECONOMY” (ISTI). Tiranë, 2014.
167. **A. Fundo, T. Myftiu**, A. Myftiu, “*Importance for e-Government in Albanian health for statistical studies. The role of a Management Information System*” – THE FIRST INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, NEW TECHNOLOGIES AND APPLICATIONS IN MEDICINE (NTAM)”, 7-8 November 2014, Tirana, Albania.
166. **A. Fundo, A. Naço, E. Raço, T. Myftiu**, “*On a method for a combinatorial sum evaluation*” – THE FIRST INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, NEW TECHNOLOGIES AND APPLICATIONS IN MEDICINE (NTAM)”, 7 - 8 November 2014, Tirana, Albania
165. **A. Kashuri, A. Fundo**, “*Variational Iteration Method (VIM) for Fractional Calculus by New Integral Transform*” - THE FIRST INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, NEW TECHNOLOGIES AND APPLICATIONS IN MEDICINE (NTAM)”, 7 - 8 November 2014, Tirana, Albania
164. **A. Kashuri, A. Fundo**, “*Applications of New Integral Transform and Homotopy Analysis Method for Solving Fractional Heat and Wave-like Equations*” - THE FIRST INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, NEW TECHNOLOGIES AND APPLICATIONS IN MEDICINE (NTAM)”, 7-8 November 2014, Tirana, Albania.
163. **A. Naço, E. Raço, T. Myftiu, L. Hanelli**: "A finite difference method for the solution of the second order quasi-linear hyperbolic equations in one dimension space" THE FIRST INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, NEW TECHNOLOGIES AND APPLICATIONS IN MEDICINE (NTAM)”, 7-8 November 2014, Tirana, Albania
162. **Sh. Kuka**, E. Kuka, **T. Myftiu, A. Naço**: "A view on some open source technologies for extracting raster values to vector points (Qgis, GRASS GIS)", RTACSIT-2014, 12-13 December 2014, FSHN, Universiteti i Tiranës, Tirane, Albania.
161. **Sh. Kuka**: "On the control and evaluation of the coverage quality with radio-signals of the cellular networks", SPNA-2014, 5-6 December 2014, FSHN, Universiteti i Tiranës, Tirane, Albania.

160. **Sh. Kuka**, E. Kuka, **T. Myftiu**, **A. Naço**: "Using GIS for Decision Support in Emergency Medical Services", THE 1st INTERNATIONAL CONFERENCE ON APPLIED SCIENCES "NEW TECHNOLOGIES AND APPLICATIONS IN MEDICINE" NTAM 2014, 7-8 November 2014, FIMIF, Polytechnic University of Tirana & AAMP Tirane, Albania.
159. **Sh. Kuka**, A. Kaja, *Hyperthyroidism and Heart Diseases (Observational Study on Patients Presenting to the Emergency Department in an Albanian Hospital)*, THE 1st INTERNATIONAL CONFERENCE ON APPLIED SCIENCES "NEW TECHNOLOGIES AND APPLICATIONS IN MEDICINE" NTAM 2014, 7-8 November 2014, FIMIF, PUT & AAMP, Tirane, Albania.
158. **Sh. Kuka**, R. Paci, F. Ylli. "Public Effective Dose Of X Ray Machines In Radiology In Albania", FIRST INTERNATIONAL CONFERENCE ON APPLIED SCIENCES "NEW TEHNOLOGIES AND APPLICATIONS IN MEDICINE" NTAM 2014, 7-8 November 2014, FIMIF, Polytechnic University of Tirana & AAMP Tirane, Albania.
157. **Sh. Kuka**, J. Bushati. "On the role of the GIS technology at the geospatial education (Qgis vs Arcgis)", 3RD INTERNATIONAL CONFERENCE ON BUSINESS, TECHNOLOGY AND INNOVATION, 7-8 November 2014, Durres, Albania.
156. **Sh. Kuka**, **T. Myftiu**, "A view on some Microsoft Excel add-ins at Linear Algebra", 2ND INTERNATIONAL CONFERENCE EDUCATION ACROSS BORDERS "CRITICAL THINKING IN EDUCATION", 31 October-1 November 2014, Korçë, Albania.
155. **Sh. Kuka**, E. Kuka, **T. Myftiu**: "The Importance and the role of the Land Cover/Land Use in projecting of communication systems of cellular companies", THE 2nd INTERNATIONAL CONFERENCE ON: "RESEARCH AND EDUCATION – CHALLENGES TOWARDS THE FUTURE" (ICRAE 2014), May 30-31, 2014, Shkoder Albania.
154. **Sh. Kuka**, **A. Naço**, **T. Myftiu**, **E. Raço** "The combination if GIS with BI Component in Decision Making", FIFTH INTERNATIONAL CONFERENCE "INFORMATION SYSTEM AND TECHNOLOGY INNOVATION: PROJECTING TRENDS TO A NEW ECONOMY", 6-7 June 2014, Tirana, Albania.
153. **E. Raço**, **T. Myftiu**, **A. Naço**. "Accidents in Albania: Measuring the Influence of Accident Factors Using Logistic Regression", THE FIRST INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, NEW TECHNOLOGIES AND APPLICATIONS IN MEDICINE (NTAM)", 7-8 November 2014, Tiranë, Albania.
152. **T. Myftiu**, **A. Naço**, **E. Raço**. "The Use of Intelligent Business Systems in Albanian Medicine", THE FIRST INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, NEW TECHNOLOGIES AND APPLICATIONS IN MEDICINE (NTAM)", 7-8 November 2014, Tiranë, Albania.
151. **T. Myftiu**, **E. Raço**, **A. Naço**. "Data warehousing and data mining to support healthcare decision making", THE 1st INTERNATIONAL CONFERENCE ON APPLIED SCIENCES "NEW TECHNOLOGIES AND APPLICATIONS IN

MEDICINE" NTAM 2014, 7-8 November 2014, FIMIF, Polytechnic University of Tirana & AAMP Tirane, Albania.

150. A. Ahmeti, **A. Basholli**, B. Gjini. "Open government data management and transparency in Albania". THE 2nd INTERNATIONAL CONFERENCE ON: "RESEARCH AND EDUCATION – CHALLENGES TOWARDS THE FUTURE" ICRAE 2014, Shkoder May 30-31, 2014, Albania.
149. **L. Prifti, D. Salillari**, S. Plaku. "The Brownian motion and an application using MATLAB". INTERNATIONAL CONFERENCE ON STATISTICS, PROBABILITY & NUMERICAL ANALYSIS (SPNA 2014). 5 - 6 December 2014, Tirane, Albania.
148. **L. Prifti, Sh. Shehu, D. Salillari**. "The use of R for textile engineering data analysis", THE 6th INTERNATIONAL CONFERENCE OF TEXTILE, 20 November 2014, Tirana Albania.
147. **D. Salillari, L. Prifti**. "Modeling images using classifier methods" FIRST INTERNATIONAL CONFERENCE, NEW TECHNOLOGIES AND APPLICATIONS IN MEDICINE (NTAM 2014), 7-8 November 2014, Tirana, Albania
146. **L. Prifti, Sh. Shehu**. "Statistical analysis of health effects from exposure to air pollution". FIRST INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, NEW TECHNOLOGY AND APPLICATIONS IN MEDICINE (NTAM 2014), 7-8 November 2014. Tirana, Albania.
145. **L. Prifti, Sh. Shehu**. "Modeling categorical data in a human health problem". FIRST INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, NEW TECHNOLOGY AND APPLICATIONS IN MEDICINE (NTAM 2014), 7-8 November 2014. Tirana, Albania.
144. R. Kosova, **E. Xhafaj**, "Missing data, classifications and methods. Dealing with missing data in some case studies in social, economic and industrial research using tools of SPSS software". FIRST CONFERENCE, STATISTICS, PROBABILITY & NUMERICAL ANALYSIS, SPNA 2014, FSHN, UT, Tirane, Albania
143. **E. Xhafaj**, I. Nurja, "Poverty trend in different years 2005- 2008-2012 in Albania", Fifth INTERNATIONAL CONFERENCE INFORMATION SYSTEMS AND TECHNOLOGY INNOVATION: PROJECTING TRENDS IN NEW ECONOMY (ISTI2014), June 6-7, 2014, Tirana, Albania.
142. **E. Xhafaj**, I. Nurja, "Some considerations related to poverty using the Principal Component Analysis (PCA)". THE 2nd INTERNATIONAL CONFERENCE ON: "RESEARCH AND EDUCATION – CHALLENGES TOWARDS THE FUTURE" ICRAE 2014, May 30-31, 2014, Shkoder, Albania.
141. E. Vuka, D. Prenga, **S. Kovaci**, "Study of Side Inflows in Fierza Basin Using Q-Distribution and Log-Periodic Approach; INTERNATIONAL CONFERENCE, Struge 2014, North Macedonia.
140. **Zh. Muka**, "Algebra, Geometry, Optics, and Statistics Problems Solved Using GeoGebra" THE FIRST INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, NEW TECHNOLOGIES AND APPLICATIONS IN MEDICINE (NTAM)", 7-8 November 2014, Tirana, Albania.

Summary of Research and Scientific Activity

©2025 Faculty of Mathematical Engineering & Physical Engineering - Polytechnic University of Tirana

139. **M. Kuqali, Dh. Kuqi**, D. Topciu, **D. Mitrushi, T. Myftiu**, *Indoor radon monitoring in some dwellings in Tirana*, FIRST INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, NEW TECHNOLOGY AND APPLICATIONS IN MEDICINE (NTAM 2014), 7-8 November 2014. Tirana, Albania.
138. **A. Daci**, "*Bifurcation In a Dynamical System, Harvest Models*", The 1st INTERNATIONAL CONFERENCE ON: "RESEARCH AND EDUCATION – CHALLENGES TOWARDS THE FUTURE" (ICRAE2013), 24-25 May 2013, Shkodra, Albania.
137. D. Prenga, **S. Kovaçi**, T. Kota, E. Spahia, M. Marku, "*Non extensive entropy approach on the study of dynamics of exchange rates for some currencies in Albania*", FOURTH INTERNATIONAL CONFERENCE "INFORMATION SYSTEMS AND TECHNOLOGY INNOVATION: TOWARDS A DIGITAL ECONOMY", 15-16 June 2013. Tirana, Albania.
136. **A. Kashuri, A. Fundo**, R. Liko. *On Double New Integral Transform And Double Laplace Transform*, 2nd INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICS SCIENCES AND APPLICATIONS (IECMSA-2013)", 26 - 29 August 2013, Sarajevo, Bosnia & Herzegovina.
135. **A. Fundo**, A. Krakulli, "*HE homological condition bi-FP_∞ for inverse monoids*", 1st INTERNATIONAL WESTERN BALKANS CONFERENCE OF MATHEMATICAL SCIENCES- Elbasan 2013, Albania.
134. B.A. Ersoy, S. Onar, **K. Hila**, B. Davvaz, "*A New Study on Generalized Intuitionistic Fuzzy Subhyperalgebras of Boolean Hyperalgebras*", 2ND INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS, August 26–29, 2013, Sarajevo, Bosnia and Herzegovina.
133. K. Naka, **K. Hila**, "*On generalised quasi (bi)-hyperideals of ternary semihypergroups*", 1ST INTERNATIONAL WESTERN BALKAN CONFERENCE OF MATHEMATICAL SCIENCES, May 30- June 1, 2013, Elbasan, Albania.
132. **K. Hila**, I. Vardhami, K. Gjino, "*On the topological structures on Γ -semirings*", 1ST ANNUAL INTERNATIONAL INTERDISCIPLINARY CONFERENCE, April 24-26, 2013, AZORES ISLANDS, PORTUGAL.
131. **K. Haxhi, B. Xhaja**: "*Reinstatement premiums for an excess of loss reinsurance contract*". EIGHTH ANNUAL INTERNATIONAL CONFERENCE OF ALB-SCIENCE, 29-31 August 2013, Tirana, Albania.
130. **Sh. Kuka, L. Prifti**, "*Spatial Interpolation Methods, Case study: Coverage Maps of Signal Quality of Different Operators in Tirana Region*", EIGHTH ANNUAL INTERNATIONAL CONFERENCE OF ALB-SCIENCE, 29-31 August 2013, Tirana, Albania.
129. **Sh. Kuka**, E. Murati, "*Video Logging & Geo-referencing with low cost as an integrated part of Road Maintenance Systems*", 8TH ANNUAL INTERNATIONAL CONFERENCE OF ALB-SCIENCE, 29-31 August 2013, Albania.

128. **T. Myftiu, Sh. Kuka:** "Mathematical model for evaluate the impact of infrastructure projects implemented in Albania", FOURTH INTERNATIONAL CONFERENCE "INFORMATION SYSTEMS AND TECHNOLOGY INNOVATION: TOWARDS A DIGITAL ECONOMY", 15-16 June 2013. Tirana, Albania.
127. F. Maho, **Sh. Kuka:** "Comparison of natural channel modelling packages for use in flood protection design", 1st INTERDISCIPLINARY INTERNATIONAL CONFERENCE ON RESEARCH AND EDUCATION: "CHALLENGES TOWARD THE FUTURE" (ICRAE-2013), 24-25 May 2013, Shkoder, Albania.
126. F. Bidaj, R. Alushaj, **L. Prifti.** "The evaluation of the heating share of the households' electricity consumption using statistical analysis: case study Tirana city-Albania". 8th CONFERENCE ON SUSTAINABLE DEVELOPMENT OF ENERGY, WATER AND ENVIRONMENT SYSTEM, SDEWES. September 22-27, 2013, Dubrovnik, Croatia.
125. S. Ristani, **L. Prifti.** "Estimation of the confidence interval based on Bootstrap". 1st INTERNATIONAL WESTERN BALKANS CONFERENCE OF MATHEMATICAL SCIENCES. May 30- June 1, 2013. University of Elbasan, Albania
124. **E. Musta (Xhaferraj,** L. Nikolla. "Spectral Modelling of the Voice" 1st INTERDISCIPLINARY INTERNATIONAL CONFERENCE ON RESEARCH AND EDUCATION: "CHALLENGES TOWARD THE FUTURE" (ICRAE-2013), 24-25 May 2013, Shkoder, Albania.
123. **Sh. Kuka,** F. Maho, **Zh. Muka:** "Role of GIS applications in water supply management", FIRST INTERNATIONAL WESTERN BALKANS CONFERENCE OF MATHEMATICAL SCIENCES, (2013), May 30- June 1, 2013, Elbasan, Albania.
122. **O. Zaçaj,** E. Dhamo. "Endowment Assurance-Principes, and Technical Assumptions and Notes from an actuary point of view", FIRST INTERNATIONAL WESTERN BALKANS CONFERENCE OF MATHEMATICAL SCIENCES, IWBCMS (2013), May 30- June 1, 2013, Elbasan, Albania.
121. **E. Musta,** L. Nikolla. "A Mathematically-oriented method related to LP(linear predictive spectral modelling of speech), FIRST INTERNATIONAL WESTERN BALKANS CONFERENCE OF MATHEMATICAL SCIENCES, IWBCMS (2013), May 30- June 1, 2013, Elbasan, Albania.
120. **E. Xhafaj,** I. Nurja, "Statistical estimation of poverty in Tirana". THE 2nd INTERNATIONAL SYMPOSIUM ON COMPUTING IN INFORMATICS AND MATHEMATICS, ISCIM, September 26-28, 2013, Tirana, Albania
119. **E. Xhafaj,** I. Nurja, "Statistical methods for the study of poverty, analysis and applications for the Albanian reality", FIRST INTERNATIONAL WESTERN BALKANS CONFERENCE OF MATHEMATICAL SCIENCES, IWBCMS (2013), May 30- June 1, 2013, Elbasan, Albania.
118. **R. Dervishi,** "Using Bayesian Belief Network Techniques and Geographical Information Systems to Predict Highway Crashes in Albania" Spaces and Flows: The 4th INTERNATIONAL CONFERENCE ON URBAN AND EXTRAURBAN STUDIES SCIENCES, 22-23 November 2013, Amsterdam, Holland.

117. **A. Fundo**, E. Martiri, “*The algorithmic definition of objects in the Information Categorization Process*”, 3rd INTERNATIONAL CONFERENCE - INFORMATION SYSTEMS AND TECHNOLOGY INNOVATION: THEIR APPLICATION IN ECONOMY. June 8-9, 2012, Tirana, Albania.
116. **O. Zaçaj**, E. Gjika (Dhamo). “*Statistical methods in modelling losses deriving from insurance contracts, Application to Albanian motor insurance data*”, 3rd INTERNATIONAL CONFERENCE - INFORMATION SYSTEMS AND TECHNOLOGY INNOVATION: THEIR APPLICATION IN ECONOMY. June 8-9, 2012, Tirana, Albania.
115. **K. Hila**, K. Naka “*Ternary semihypergroups characterized by a class of fuzzy hyperideals*”, 1ST VIRTUAL INTERNATIONAL CONFERENCE ON ADVANCED RESEARCH IN SCIENTIFIC AREAS (ARSA-2012), December 3-7, 2012, Slovakia.
114. B. A. Ersoy, S. Onar, B. Davvaz and **K. Hila**, “*Intuitionistic fuzzy soft ring*”, THE 13TH INTERNATIONAL CONFERENCE ON MATHEMATICS AND ITS APPLICATIONS -ICMA 2012 November 1-3, 2012, Timișoara, Romania.
113. S. Abdullah, **K. Hila**, “*Generalized Fuzzy Bi-hyperideals in Semihypergroups*”, 1ST INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS (IECMSA), September 03-07, 2012, Pristina, Kosovo
112. **K. Hila**, S. Sadiku, K. Naka, “*Algebraic hyperstructure of soft sets associated to ternary semihypergroups*”, 1ST INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS (IECMSA), September 03-07, 2012, Pristina, Kosovo.
111. **K. Hila**, A. Sh. Shabani, “*On topological structure on ternary semihyperrings*”, 1ST INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS (IECMSA), September 03-07, 2012, Pristina, Kosovo.
110. **K. Hila**, J. Dine, I. Vardhami, “*On topological structure of semihyperrings*”, SEVENTH INTERNATIONAL ANNUAL MEETING OF “ALB-SHKENCA” INSTITUTE “IASH 2012”, August 29-31, 2012, Skopja, FYROM.
109. **K. Hila**, S. Onar, B.A. Ersoy, B. Davvaz “*Characterizations of generalized fuzzy subhyperalgebras of Boolean Hyperalgebras*”, INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND ALGEBRA (ICAAA2012)”, June 22-24, 2012, Istanbul, Turkiye.
108. **K. Hila**, B.A. Ersoy, S. Onar, B. Davvaz “*On generalized rough (m,n)-bi-hyperideals in semihypergroups*”, INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND ALGEBRA (ICAAA2012)”, June 22-24, 2012, Istanbul, Turkiye.
107. **K. Hila**, J. Dine, K. Naka, “*Soft m-ary Semihypergroups*”, INTERNATIONAL CONFERENCE "INFORMATION SYSTEMS AND TECHNOLOGY INNOVATION: THEIR APPLICATION IN ECONOMY" (ISTI2012), June 8-9, 2012, Tirana, Albania.

106. M. Aslam, S. Abdullah, **K. Hila**, "On interval valued intuitionistic fuzzy sets in Γ -semihypergroups", FIFTH SAUDI SCIENCE CONFERENCE, April 16-18, 2012, Makkah, Saudi Arabia.
105. S. Abdullah, M. Aslam, M. Naeem, **K. Hila** "Soft Intersection Γ -nearrings and Its Applications", THE FOURTH INTERNATIONAL CONFERENCE ON MATHEMATICAL SCIENCES-ICM2012, March 11-14, 2012, UAEU, Dubai, United Arab Emirates.
104. **E. Raço**. *Validation of the Model Used in Parameter Estimation of a Public Transportation Data Using Simulations*, XIV INTERNATIONAL SCIENTIFIC CONFERENCE OF HIGH TECHNOLOGIES, Saint Petersburg, Russia, 2012.
103. **E. Raço, Sh. Leka**. *Parameter Estimation in Public Transportation Models Using R Language*, INTERNATIONAL ECONOMY & BUSINESS DOCTORAL STUDENTS CONFERENCE, Tirana University, Albania, 2012.
102. Dh. Kuqi, P. Malkaj, **Sh. Kuka**, M. Kuqali, T. Mulaj, **L. Nikolla, T. Myftiu**, E. Gavoçi. "Assessment of radio frequency electromagnetic fields in Tirana", INTERNATIONAL CONFERENCE ON "TOWARDS FUTURE SUSTAINABLE DEVELOPMENT", 16 - 17 November 2012, Shkoder, Albania.
101. M.Kuqali, F. Ylli, Dh. Kuqi, **Sh. Kuka, T. Myftiu**, A. Hoxha, E. Duka, D. Mitrushi, E. Gavoçi: "Indoor radon monitoring in Tirana area", INTERNATIONAL CONFERENCE ON "TOWARDS FUTURE SUSTAINABLE DEVELOPMENT", 16 - 17 November 2012, Shkoder, Albania.
100. **L. Prifti, D. Salillari**, S. Ristani. "The Definition of The Confidence Interval Based on Bootstrap" 5th INTERNATIONAL CONFERENCE OF TEXTILE, 07 December 2012, Tirana, Albania.
99. **D. Salillari, L. Prifti, Sh. Kuka**, "Logistic Regression for Authorship Attribution in Albanian Text". SEVENTH INTERNATIONAL ANNUAL MEETING OF "ALB-SHKENCA" INSTITUTE "IASH 2012", August 29-31, 2012, Skopia, FYROM.
98. **L. Prifti, R. Totoni (Lilo)**, "Study of oil industry pollution effects in a human health case". MEDICAL GEOGRAPHY SYMPOSIUM "TRADITIONS AND MODERNITY IN MEDICAL GEOGRAPHY AND DISASTER MEDICINE" 25-26 October 2012, Sofia, BULGARIA.
97. **D. Salillari, L. Prifti, Sh. Shehu**, "Relative Entropy for Markov Chains of Letters in Albanian Texts" 13th INTERNATIONAL CONFERENCE ON ECONOMETRICS, OPERATIONS RESEARCH AND STATISTICS (ICEOS-2012). 24-26 May 2012. Famagusta, Northern Cyprus.
96. **R. Totoni, L. Prifti**, S. Lilo. *Comparative assessment of air quality in two Albanian cities*. MEDICAL GEOGRAPHY SYMPOSIUM "TRADITIONS AND MODERNITY IN MEDICAL GEOGRAPHY AND DISASTER MEDICINE" 25-26 October 2012, Sofia, Bulgaria.
95. **R. Dervishi, Sh. Kuka**, A. Lako: "Predicting highway crashes in Albania using Bayesian Belief Network Techniques and GIS", THE 1ST ALBANIAN CONGRESS ON ROADS, 27-28 September 2012, Tirana, Albania.

94. N. Kuka, Ll. Duni, **Sh. Kuka**: "Estimation of a unified earthquake magnitude in terms of MW scale for western Balkan region", EUROPEAN SEISMOLOGICAL COMMISSION 33RD GENERAL ASSEMBLY, ESC 2012, 19-24 August 2012, Moscow, Russia.
93. **T. Myftiu**, R Shtraza, **Sh. Kuka**: "Application of category theory in relational databases", THIRD INTERNATIONAL CONFERENCE "INFORMATION SYSTEMS AND TECHNOLOGY INNOVATION: THEIR APPLICATION IN ECONOMY, 8-9 June 2012, Tirana, Albania.
92. **A. Daci**, A. Spaho. "Nonlinear Dynamical Systems: Population Models", ECONOMIC AND SOCIAL CHALLENGES 2012, 8 December 2012, Faculty of Economy, University of Tirana, Albania.
91. **A. Daci**, A. Spaho. "Dynamical Systems applications to Demography" THIRD INTERNATIONAL CONFERENCE "INFORMATION SYSTEMS AND TECHNOLOGY INNOVATION: THEIR APPLICATION IN ECONOMY, 8-9 June 2012, Tirana, Albania.
90. **A. Çausi**, "A Beppo Levi theorem for Statically Integral", ECONOMY AND BUSINESS DOCTORAL STUDENTS CONFERENCE, December 2012.
89. **K. Haxhi, O. Zaçaj**: *The dependence described by Copulas in the reinsurance treaties*. 1ST INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS, September 03-07, 2012, Prishtine, Kosovo.
88. **O. Zaçaj, K. Haxhi**: "Applications to Markov Chains: introducing a Bonus-malus model for the MTPL portfolio in Albania". 1ST INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS (IECMSA), September 03-07, 2012, Prishtine, Kosovo.
87. **K. Haxhi, O. Zaçaj**. "Model Risk in Claims Reserving with Generalized Linear Models (Applications of risk models in claims reserving)". SEVENTH INTERNATIONAL ANNUAL MEETING OF "ALB-SHKENCA" INSTITUTE "IASH 2012", August 29-31, 2012, Skopja, FYROM.
86. **O. Zaçaj, K. Haxhi**. "Bonus-malus scales: a discussion on alternative approaches in segmented tariffs". SEVENTH INTERNATIONAL ANNUAL MEETING OF "ALB-SHKENCA" INSTITUTE "IASH 2012", August 29-31, 2012, Skopja, FYROM.
85. **A. Çausi, A. Tato**. "Statistical Integral on Banach Space". 1ST INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS (IECMSA), September 03-07, 2012, Pristina, Kosovo.
84. N. Frashëri, **A. Fundo**, *Social Implications of Computers in Developing Countries*, 11th INTERNATIONAL CONFERENCE: PARTNERS FOR DEVELOPMENT - ICT ACTORS AND ACTIONS. 22-25 May 2011, Kathmandu, Nepal.
83. **A. Fundo**, "Remote sensing for assessing environment situation" - FUKUOKA INSTITUTE OF TECHNOLOGY, 2011.

82. **Sh. Kuka**, F. Maho, **A. Fundo**. “*The Role of GIS Applications in Flood Management*”, NATIONAL CONFERENCE “ADVANCED STUDIES IN MATHEMATICAL PHYSICAL AND CHEMICAL ENGINEERING” 28 October 2011. PUT. Tirana, Albania.
81. **D. Salillari**, **L. Prifti**, **Sh. Shehu**. “*Markov chains in Albanian texts*” NATIONAL CONFERENCE “ADVANCED STUDIES IN MATHEMATICAL PHYSICAL AND CHEMICAL ENGINEERING” 28 October 2011. PUT. Tirana, Albania.
80. **O. Zaçaj**, E. Dharmo. “*Damage Models: Statistical Methods in Modeling Damages Arising from Insurance Contracts*”, NATIONAL CONFERENCE “ADVANCED STUDIES IN MATHEMATICAL PHYSICAL AND CHEMICAL ENGINEERING” 28 October 2011. PUT. Tirana, Albania.
79. H. Paci, E. Kajo, E. Trandafilii, I. Tafaj, **D. Salillari**, “*Author identification in Albanian language*“. The 14th INTERNATIONAL CONFERENCE ON NETWORK-BASED INFORMATION SYSTEMS. 7-9 September 2011, Tirana, Albania.
78. **L. Prifti**, F. Bidaj. “*Statistical analysis of electrical energy consume in residencial sector in Albania*”. NATIONAL CONFERENCE “ADVANCED TECHNOLOGIES: OUR PATH TO DEVELOPMENT”. 31 October 2011. PUT. Tirana, Albania
77. A. Peçi, **L. Prifti**, **D. Salillari**. *Statistical Analysis of the Height of Students at the Polytechnic University of Tirana*, STUDENT CONFERENCE “ENGINEERING CHALLENGES FROM THE STUDENT'S PERSPECTIVE”, 26 May 2011, Tiranë, Albania..
76. **L. Prifti**, S. Ristani, O. Zavalani “*Mathematical model for electrical energy consumption based on Bootstrap*”. NATIONAL CONFERENCE “ADVANCED STUDIES IN MATHEMATICAL PHYSICAL AND CHEMICAL ENGINEERING” 28 October 2011. PUT. Tirana, Albania.
75. **L. Prifti**, N. Koprencka, **Sh. Shehu** “*The definition of payment in a game using Markov chains*”. NATIONAL CONFERENCE “ADVANCED STUDIES IN MATHEMATICAL PHYSICAL AND CHEMICAL ENGINEERING” 28 October 2011. PUT. Tirana, Albania.
74. **A. Naço**, **L. Hanelli**: “*Mathematical Study of the Oscillating Wave in the Balance Tower of a Hydropower Plant and Related Issues*”. NATIONAL CONFERENCE “ADVANCED STUDIES IN MATHEMATICAL PHYSICAL AND CHEMICAL ENGINEERING” 28 October 2011. PUT. Tirana, Albania.
73. **A. Naço**, **L. Hanelli**, B. Huti. “*Algorithm Development and Numerical Implementation of a Method of Characteristics for Solving a Weak Hyperbolic Differential Problem*”. NATIONAL CONFERENCE “ADVANCED STUDIES IN MATHEMATICAL, PHYSICAL AND CHEMICAL ENGINEERING” 28 October 2011. PUT. Tirana, Albania.
72. **E. Raço**. *GIS Approach in Public Transport Modelling*, ADVANCED STUDIES IN ENGINEERING, MATHEMATICS, PHYSICS, CHEMISTRY, FIMIF, Tirana Polytechnic University, Albania, 2011.

71. **E. Musta**, M. Muca “*Solving the Non-Homogeneous Linear Equation Using Block Diagrams, Operators, and Computer Simulation*”. NATIONAL CONFERENCE “ADVANCED STUDIES IN MATHEMATICAL PHYSICAL AND CHEMICAL ENGINEERING” 28 October 2011. PUT. Tirana, Albania.
70. **R. Dervishi**, “*Dynamic Econometric Models*”. NATIONAL CONFERENCE “ADVANCED STUDIES IN MATHEMATICAL, PHYSICAL AND CHEMICAL ENGINEERING” 28 October 2011. PUT. Tirana, Albania.
69. A. Karamani, **Sh. Kuka**, **A. Fundo**: “*An Application of the Apriori Algorithm for Finding Association Rules in Supermarkets*”. NATIONAL CONFERENCE “ADVANCED STUDIES IN MATHEMATICAL, PHYSICAL AND CHEMICAL ENGINEERING” 28 October 2011. PUT. Tirana, Albania.
68. Rr. Ormeni, **A. Fundo**, “*The Seismoactive Layers of the Albanian Earth’s Crust Seismogenic Zones*”, 6th CONGRESS OF THE BALKAN GEOPHYSICAL SOCIETY, 3-6 October 2011, Budapest, Hungary
67. Rr. Ormeni, **A. Fundo**, C. Dyrmishi, F. Basholli, “*The Korca earthquake of September 1, 2010*”, 6th CONGRESS OF THE BALKAN GEOPHYSICAL SOCIETY, 3-6 October 2011, Budapest, Hungary
66. F. Xhafa, J. Kolodziej, L. Barolli, **A. Fundo**, “*A GA+TS Hybrid Algorithm for Independent Batch Scheduling in Computational Grids. - 2011 INTERNATIONAL CONFERENCE ON NETWORK-BASED INFORMATION SYSTEMS, NBIS 2011.*”
65. A. Bashllari, **A. Fundo**, D. Nace, I. Shinko, “*A note on a hybrid rerouting scheme*”- INTERNATIONAL CONGRESS ON ULTRA MODERN ELECOMMUNICATIONS AND CONTROL SYSTEMS AND WORKSHOPS 2011, RNDM 2011, Budapest, Hungary.
64. **K. Hila**, K. Naka, “*On prime fuzzy bi-hyperideals in ternary semihypergroups*”, NATIONAL CONFERENCE “ADVANCED STUDIES IN MATHEMATICAL, PHYSICAL AND CHEMICAL ENGINEERING”, 28 October 2011, Tirana, Albania.
63. **K. Hila**, J. Dine, “*On fuzzy hyperideals in hyperrings with respect to a t-norm*”, NATIONAL CONFERENCE “ADVANCED STUDIES IN MATHEMATICAL, PHYSICAL AND CHEMICAL ENGINEERING”, 28 October 2011, Tirana, Albania.
62. K. Naka, **K. Hila**, “*On quasi-hyperideals in ternary semihypergroups*”, SIXTH INTERNATIONAL ANNUAL MEETING OF “ALB-SHKENCA” INSTITUTE “IASH 2011”, September 1-4, 2011, Pristina, Kosovo.
61. **K. Hila**, J. Dine, “*On T-fuzzy hyperideals of hyperrings*”, SIXTH INTERNATIONAL ANNUAL MEETING OF “ALB-SHKENCA” INSTITUTE “IASH 2011”, September 1-4, 2011, Pristina, Kosovo.
60. **K. Hila**, S. Abdullah, “*Quasi- Γ -hyperideals in Γ -semihypergroups*”, 12TH INTERNATIONAL PURE MATHEMATICS CONFERENCE, July 29-31, 2011, Islamabad, Pakistan.

59. **K. Hila**, S. Abdullah, "On topological structure on semihypergroups", INTERNATIONAL CONFERENCE ON TOPOLOGY AND ITS APPLICATIONS (ICTA), July 4-10, 2011. COMSATS, Institute of Information Technology (CIIT), Islamabad, Pakistan.
58. **K. Hila**, K. Naka, "On Fuzzy Sub-Hyperspaces of Hypervector Spaces "INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND ALGEBRA (ICAAA2011)", June 29-30 and July 1-2, 2011, Istanbul, Turkiye.
57. **K. Hila**, A. Gilani, "On fuzzy subsets in Γ -semihypergroup through left operator semihypergroup". INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND ALGEBRA", June 29-30 and July 1-2, 2011, Istanbul, Turkiye.
56. **K. Hila**, J. Dine, "On intra-regular semihypergroups through intuitionistic fuzzy sets", 1ST INTERNATIONAL SYMPOSIUM ON COMPUTING IN INFORMATICS AND MATHEMATICS 2011, June 2-4, 2011, Tirana-Durres, Albania.
55. **K. Hila**, J. Dine, "On hyperideals and their topologies in left almost semihypergroups", 1ST INTERNATIONAL SYMPOSIUM ON COMPUTING IN INFORMATICS AND MATHEMATICS 2011 (ISCIM 2011), June 2-4, 2011, Tirana-Durres, Albania.
54. **K. Hila**, K. Naka, "On pure hyperideals in ternary semihypergroups", 1ST INTERNATIONAL SYMPOSIUM ON COMPUTING IN INFORMATICS AND MATHEMATICS (ISCIM 2011), June 2-4, 2011, Tirana-Durres, Albania.
53. S. Abdullah, **K. Hila**, M. Aslam, "On bi- Γ -hyperideals in Γ -semihypergroups", 6TH SYMPOSIUM ON "COMPUTATIONAL COMPLEXITIES, INNOVATIONS AND SOLUTIONS (CCIS)", May 09-10, 2011, Abbottabad, Pakistan.
52. **K. Hila**, S. Abdullah, "On intuitionistic fuzzy sets in Γ -semihypergroups", 6TH SYMPOSIUM ON "COMPUTATIONAL COMPLEXITIES, INNOVATIONS AND SOLUTIONS (CCIS)", May 09-10, 2011, Abbottabad, Pakistan.
51. **T. Myftiu, Sh. Kuka**, A. Gorishti: "The Use of Open Source Software in the Study of Mathematics (GeoGebra as a Model)", NATIONAL CONFERENCE "ADVANCED STUDIES IN MATHEMATICAL, PHYSICAL AND CHEMICAL ENGINEERING" 28 October 2011. PUT. Tirana, Albania.
50. S. Pantazi, E. Abazi, **Sh. Kuka**: "Regulation of the Water Regime of Lake Shkodra and the Buna and Drin Rivers", INTERNATIONAL CONFERENCE, "HYDROCLIMATE RESOURCES-AN IMPORTANT TOOL FOR A SUSTAINABLE DEVELOPMENT OF ALBANIA", Tirana, INEUM, 16 June 2011.
49. **T. Myftiu, Sh. Kuka**, A. Gorishti, "Business Intelligence to-line off business (LOB) Integration", INTERNATIONAL CONFERENCE II, INFORMATION SYSTEMS AND TECHNOLOGIES AND THEIR IMPORTANCE IN THE ECONOMIC DEVELOPMENT", June 10-11, 2011, Tirana, Albania.
48. B. Karamani, **Sh. Kuka**: "Data mining in Life Insurance Industry", INTERNATIONAL CONFERENCE II, INFORMATION SYSTEMS AND TECHNOLOGIES AND THEIR IMPORTANCE IN THE ECONOMIC DEVELOPMENT", June 10-11, 2011, Tirana, Albania

47. **Sh. Kuka**, B. Karamani: "Using Excel and VBA for Excel to Learn Numerical Methods", 1ST INTERNATIONAL SYMPOSIUM ON COMPUTING IN INFORMATICS AND MATHEMATICS (ISCIM 2011), June 2-4 2011, Tirana-Durres, Albania.
46. N. Frasheri, B. Çiço, **A. Fundo** "Analysis of Environmental Changes in Shkodra Lake area using remote sensing", KONFERENCA NDERKOMBETARE SHKENCORE "LIQENI I SHKODRËS – GJENDJA DHE PERSPEKTIVAT. Podgorica – Shkodra, 2010.
45. G. Guxho, F. Demneri, **A. Fundo** "The safety of life and the flammability standards (the ability to catch fire) of textiles", 4th INTERNATIONAL TEXTILE CONFERENCE 19 November 2010, Tirane, Albania.
44. **E. Raço**. 2D Cutting Problem, Problem Solution with Software Approach, THE ROLE OF IT IN THE ALBANIAN SOCIETY DEVELOPMENT, Faculty of Economics, Tirana University, Albania, 2010.
43. **E. Raço**. Distribution Problem, a Software Approach, THE ROLE OF IT IN THE ALBANIAN SOCIETY DEVELOPMENT, Tirana University, Albania, 2010.
42. **L. Prifti, Sh. Shehu, A. Fundo** "Estimation of the weighted average measurements with the least uncertainty", 4th INTERNATIONAL TEXTILE CONFERENCE, 19 November 2010, Tirane, Albania.
41. E. Shehi, **L. Prifti**, J. Kacani, **A. Fundo**, "Actual situation and development of the textile and garment sector", 4th INTERNATIONAL TEXTILE CONFERENCE, 19 November 2010, Tirane, Albania.
40. K. Hakrama, G. Guxho, **A. Fundo**, "Specific Problems of Moisture Measurement Devices in Textile Environments", 4th INTERNATIONAL TEXTILE CONFERENCE 19 November 2010, Tirane, Albania.
39. Ll. Duni, N. Kuka, **Sh. Kuka, A. Fundo**: "Towards a New Seismic Hazard Assessment of Albania", 14TH EUROPEAN ASSOCIATION OF EARTHQUAKE ENGINEERING (EAEE) , 30 August-3 September 2010, Ohrid, North Macedonia,
38. **K. Hila**, K. Naka, "On pure hyperradical in semihypergroups with zero", FIFTH INTERNATIONAL ANNUAL MEETING OF "ALB-SHKENCA" INSTITUTE "IASH 2010", 2-5 September 2010, Tirana, Albania.
37. **K. Hila**, K. Naka, "On regular ternary semihypergroups", FIFTH INTERNATIONAL ANNUAL MEETING OF "ALB-SHKENCA" INSTITUTE "IASH 2010", 2-5 September 2010, Tirana, Albania.
36. **K. Hila**, K. Naka, J. Dine, "On regular algebraic hypersystems", FOURTH INTERNATIONAL CONFERENCE ON ALGEBRA AND FUNCTIONAL ANALYSIS, 14-15 May 2010, Elbasan, Albania.
35. **K. Hila**, K. Naka, "On lateral hyperideals in ternary semihypergroups", FOURTH INTERNATIONAL CONFERENCE ON ALGEBRA AND FUNCTIONAL ANALYSIS, 14-15 May 2010, Elbasan, Albania.

34. **Sh. Kuka**, E. Murati, **T. Myftiu**: "An Overview On Web Gis Open Source Technologies Comparative View Based On Builded Prototype", INTERNATIONAL CONFERENCE, ECONOMIC & SOCIAL CHALLENGES AND PROBLEMS "FACING IMPACT OF GLOBAL CRISIS", December 11-12, 2010, Tirane.
33. O. Zavalani, M. Braneshi, A. Spahiu, **L. Prifti** "Protentional of Power Electronics in LV Electricity Distribution Systems in Albania", 14-th INTERNATIONAL POWER ELECTRONICS AND MOTION CONTROL CONFERENCE (EPE-PEMC 2010), 6-8 September 2010, Ohrid, FYROM.
32. **L. Prifti**, **E. Beliu**, **Sh. Shehu** "Statistical Modulation of a human health problem in Albania" INTERNATIONAL CONFERENCE APPLIED STATISTICS 2010. Ribno (Bled), Slovenia.
31. O. Zavalani, **L. Prifti**, "New approach for teaching Math in Engineering courses" CHALLENGES OF EDUCATION IN THE GLOBAL WORLD: KNOWLEDGES, POLICIES, PRACTICES. 1st INTERNATIONAL CONFERENCE. May 2010, Durres, Albania.
30. O. Zavalani, **L. Prifti** Computer aided Education in Electrical Engineering, CHALLENGES OF EDUCATION IN THE GLOBAL WORLD: KNOWLEDGES, POLICIES, PRACTICES. 1-ST INTERNATIONAL CONFERENCE. May 2010, Durres, Albania.
29. **E. Cenaj**, "Struktura e eksporteve ne Shqiperi", KONFERENCE KOMBETARE "EKONOMIA SHQIPTARE, PROBLEME DHE SFIDA" U.F.O University, Tirane, 14 Qershor 2010.
28. **A. Fundo**, E. Pasku "Finiteness conditions based on the category of factorization of a category". THIRD INTERNATIONAL CONFERENCE OF ALGEBRA AND FUNCTIONAL ANALYSIS, 15-16 May 2009. Elbasan, Albania
27. A. Ibrahimimi, L. Nikolla, **A. Fundo**, "Spectral properties of Schrodinger operators with decaying potentials", THIRD INTERNATIONAL CONFERENCE OF ALGEBRA AND FUNCTIONAL ANALYSIS, 15-16 May Elbasan, Albania 2009
26. **A. Fundo**, Challenges in Promoting Research and Technology for Development at PUT. Settimana della Cooperazione Universitaria, Scientifica e Tecnologica Italia-Albania. INTERNATIONAL CONFERENCE "GOOD PRACTICE FOR PROMOTION OF RESEARCH AND TECHNOLOGY FOR DEVELOPMENT", 2009.
25. **K. Hila**, "Band congruences of t -Archimedean ordered Γ -semigroups", FOURTH INTERNATIONAL ANNUAL MEETING OF "ALB-SHKENCA" INSTITUTE "IASH 2009", 1-2 September 2009, Tetovo, FYrom.
24. **K. Hila**, J. Dine, "Green's relations in periodic Γ -semigroups", FOURTH INTERNATIONAL ANNUAL MEETING OF "ALB-SHKENCA" INSTITUTE "IASH 2009", 1-2 September 2009, Tetovo, FYROM.
23. P. Petro, J. Dine, E. Pasku, **K. Hila**, "The relation Q_γ in le - Γ -semigroups", THIRD INTERNATIONAL CONFERENCE ON ALGEBRA AND FUNCTIONAL ANALYSIS, 15-16 May 2009, Elbasan, Albania.

22. **K. Hila**, J. Dine, "On Green's relations in BQ- Γ -semigroups", THIRD INTERNATIONAL CONFERENCE ON ALGEBRA AND FUNCTIONAL ANALYSIS, 15-16 May 2009, Elbasan, Albania.
21. **K. Hila**, K. Naka, "On minimal and maximal quasi-ideals in ordered Γ -semigroups", THIRD INTERNATIONAL CONFERENCE ON ALGEBRA AND FUNCTIONAL ANALYSIS, 15-16 May 2009, Elbasan, Albania.
20. F. Bidaj, **L. Prifti** "Mathematical model for distribution of electrical energy consume in the residential sector in Albania". INTERNATIONAL CONFERENCE OF MECHANICAL ENGINEERING". 15 May 2009. PUT. Tirana, Albania.
19. **L. Prifti, Sh. Shehu** "Voronoi diagram and the data structure for its presentation", 3rd INTERNATIONAL CONFERENCE IN ALGEBRA AND FUNCTIONAL ANALYSIS. 15-16 May 2009, Elbasan, Albania
18. H. Paci, **D. Salillari**, O. Çiço. "Authorship identification of books in Albanian Language throughout Markov chains." 4th BALKAN CONFERENCE IN INFOMATICS(BCI), 17-19 September 2009, Thessaloniki, Greece.
17. **L. Prifti, A. Fundo** "A linear regression model for the woolen fibers", 3rd INTERNATIONAL TEXTILE CONFERENCE, 20 November 2008, Tirane, Albania.
16. **K. Hila**, "Algebra of polar subsets of an ordered semigroup", THIRD INTERNATIONAL ANNUAL MEETING OF "ALB-SHKENCA" INSTITUTE "IASH 2008", 1-2 September 2008, Tirana, Albania.
15. **K. Hila**, "Bands of Weakly r -Archimedean Ordered Γ -Semigroups", SECOND INTERNATIONAL CONFERENCE ON ALGEBRA AND FUNCTIONAL ANALYSIS, 1-2 July 2008, Elbasan, Albania.
14. **K. Hila**, "Filters in ordered Γ -Semigroups", SECOND INTERNATIONAL CONFERENCE ON ALGEBRA AND FUNCTIONAL ANALYSIS, 1-2 July 2008, Elbasan, Albania.
13. **A. Naço, L. Hanelli**. "Numerical solution for a wave equation with boundary damping", THIRD INTERNATIONAL ANNUAL MEETING OF "ALB-SHKENCA" INSTITUTE "IASH 2008", 1-2 September 2008, Tirana, Albania.
12. LL. Duni, N. Kuka, I. Hoxha, **Sh. Kuka**. "Seismic Hazard Assessment And Strong Motion Monitoring Of Dams In Albania", THE 14TH WORLD CONFERENCE ON EARTHQUAKE ENGINEERING October 12-17, 2008, Beijing, China.
11. **L. Prifti, Sh. Shehu** "Determination of Linear Combination Coefficients to Find the Weighted Average with Minimum Uncertainty". NATIONAL CONFERENCE OF MECHANICAL ENGINEERING IN ALBANIA, 27 November 2008, Tirana, Albania
10. A. Bashllari, N. Kaciroti, D. Nace, **A. Fundo**, Conflict Probability Estimations Based on Geometrical and Bayesian Approaches, THE 2007 IEEE INTELLIGENT TRANSPORTATION SYSTEMS CONFERENCE, Seattle, WA, USA 2007.

9. **L. Prifti, Sh. Shehu** "Interpolation Variance" INTERNATIONAL CONFERENCE ON "ALGEBRA AND FUNCTIONAL ANALYSIS", June 28, 2007, Elbasan, Albania
8. **S. Kovaçi, L. Prifti**, "Some geostatistical methods used in environment science and the use of GIS in it, NATIONAL CONFERENCE: ADVANCED PROBLEMS IN MATHEMATICAL ENGINEERING, Tiranë, 2004, Albania.
7. **L. Prifti, S. Kovaçi** "The Interpolation of real data using Voronoi diagram". NATIONAL CONFERENCE: ADVANCED PROBLEMS IN MATHEMATICAL ENGINEERING, Tirana 2004, Albania.
6. **L. Hanelli**, S. Hysko: *Some Typical Problematic Cases of the Interpolation Problem.* NATIONAL CONFERENCE: ADVANCED PROBLEMS IN MATHEMATICAL ENGINEERING, Tirana 2004, Albania.
5. Z. Bajrami, M. Koni, R. Shkurti, **Sh. Kuka** "The Biodemographic-Genetic Study of Human Population Using Genealogical Digital Codification and the Construction of Genealogical Trees Using This Codification GIS Program (Study Project)" 13TH CONGRESS OF THE EUROPEAN ANTHROPOLOGICAL ASSOCIATION "A QUARTER OF CENTURY OF THE EUROPEAN ANTHROPOLOGICAL ASSOCIATION - REFLECTIONS AND PERSPECTIVES", August 30th - September 3rd 2002, Zagreb, Croatia.
4. Q. Skuka, N. Kuka, M. Buzo, Gj. Qeleshi, **Sh. Kuka**: "The Use of Mathematical Methods and Information Technologies in Modeling and Representing Terrain Objects", STATISTICAL, MATHEMATICAL AND COMPUTATIONAL METHODS IN A TRANSITIONAL ECONOMY, MATHIND & EDA FIRST WORKSHOP, FSHN, CONFERENCE ON THE APPLICATIONS OF MATHEMATICS IN INDUSTRY, Tiranë 13 October 2001, Albania.
3. **A. Fundo**, "Mbi dualitetin e hapësirave topologjike vektoriale" - në Katedrën e Topologjisë dhe Analizës Funktionale, FSHN, UT, Mars 1992.
2. **A. Fundo**, "Mbi teorinë e rrjetave Petri" - në Departamentin e Matematikës dhe Informatikës, UPT, Maj 1994.
1. **L. Hanelli**. "Problems of Analysis and Numerical Integration of Systems in Modeling with Ordinary Differential Equations", NATIONAL CONFERENCE OF MATHEMATICS, University of Tirana, 1989.

BOTIME NË PROCEEDINGS TË KONFERENCAVE – PAPERS

PUBLISHED IN PROCEEDINGS OF CONFERENCES

- 232 **S. Kovaçi, M. Duka, R. Dervishi, Zh. Muka**, *Një vështrim i përgjithshëm mbi metodat e ndryshme të studimit të të dhënave hapësinore ambientale*, PROCEEDINGS OF THE KONFERENCA E DYTË KOMBËTARE: APLIKIMI I TEKNOLOGJIVE TË PASTRA PËR NJË MJEDIS TË QËNDRUESHËM TIRANË, SHQIPËRI, 3 Prill, 2025, pp. 93-107. ISBN: 9789928481436

231. **E. Cenaj, R. Dervishi**, *Aplikimi i Analizave të Regresit të Shumëfishtë për Parashikimin e Energjisë në Shqipëri*, PROCEEDINGS OF THE KONFERENCA E DYTË KOMBËTARE: APLIKIMI I TEKNOLOGJIVE TË PASTRA PËR NJË MJEDIS TË QËNDRUESHËM TIRANË, SHQIPËRI, 3 Prill, 2025, pp. 26-29. ISBN: 9789928481436
230. **E. Cenaj, R. Dervishi, Zh. Muka**, *Modelimi dhe Vlerësimi i Ndikimit Mjedisor për të Përbushur Objektivat Klimatike në Sektorin e Transportit*, PROCEEDINGS OF THE KONFERENCA E DYTË KOMBËTARE: APLIKIMI I TEKNOLOGJIVE TË PASTRA PËR NJË MJEDIS TË QËNDRUESHËM TIRANË, SHQIPËRI, 3 Prill, 2025, pp. 322-325. ISBN: 9789928481436
229. **A. Basholli, T. Budlla (Myftiu)**, *The use of relational algebra for query optimization in databases*, PROCEEDINGS OF THE 13TH INTERNATIONAL SUMMIT SCIENTIFIC RESEARCH CONGRESS, 14-16 February 2025, Sanliurfa, Turkiye. pp. 571-579. ISBN: 979-8-89695-033-2
228. **A. Basholli, T. Myftiu(Budlla)**, *GeoGebra's Ability to Integrate Algebra with Geometry*. PROCEEDINGS OF THE 11TH INTERNATIONAL EUROPEAN CONFERENCE ON INTERDISCIPLINARY SCIENTIFIC RESEARCH, 20-22 January 2025, Lisbon Portugal. pp. 335-340. ISBN: 979-8-89695-018-9.
227. **E. Cenaj, R. Dervishi**, *A study analysis of the factors of migration in Albania using logistic regression model*. PROCEEDINGS OF THE 5th INTERNATIONAL CONFERENCE ON SCIENTIFIC AND ACADEMIC RESEARCH, December 23-24, 2024, Konya, Turkey. pp. 203-207, ISBN: 978-625-5954-26-8.
226. **A. Naço, A. Basholli, T. Budlla (Myftiu)**, *Ethics and artificial intelligence in scientific research*. PROCEEDINGS OF THE 5th INTERNATIONAL ETHICS CONGRESS, December 16-18, 2024, Adana, Turkiye. pp. 367-374. ISBN: 978-625-378-089-0.
225. **E. Cenaj, R. Dervishi**, *Development of a logistic regression model of child violence by family characteristics: A case study using data from self report questionnaires*. PROCEEDINGS OF THE 4TH INTERNATIONAL CONFERENCE ON FRONTIERS IN ACADEMIC RESEARCH, 13-14 December 2024, Konya, Turkiye, pp. 149-157. ISBN: 978-625-6314-94-8.
224. **A. Naço, A. Basholli, T. Budlla (Myftiu)**, *How relational algebra serves as a foundation for the development of new technologies and research in data management*, PROCEEDINGS OF THE 5th INTERNATIONAL BAKU SCIENTIFIC RESEARCHES CONFERENCE, December 11, 2024, Baku-Azerbaijan. pp. 436-447. ISBN: 978-625-378-116-3.
223. **A. Bashllari, N. Kaciroti, D. Naçe, A. Fundo**, *Conflict Probability Estimations Based on Geometrical and Bayesian Approaches*, PROCEEDINGS OF THE 2007 IEEE INTELLIGENT TRANSPORTATION SYSTEMS CONFERENCE, Seattle, WA, USA, Sept. 30 – Oct. 3, 2007, pp. 479-484. ISBN 978-1-4244-1395-9.
222. **L. Prifti, A. Fundo** “*A linear regression model for the woolen fibers*”, *Vlerësimi me pasigurinë më të vogël i mesatares së peshuar të matjeve*”. PROCEEDINGS OF

Përmbledhje e Veprimtarisë Kërkimore-Shkencore

©2025 Fakulteti i Inxhinierisë Matematike & Inxhinierisë Fizike-Universiteti Politeknik i Tiranës

THE 3rd INTERNATIONAL TEXTILE CONFERENCE, 20 November 2008, Tirane, Albania, pp. 87-92. ISBN: 978-99956-16-27-4

221. **A. Fundo**, E. Pasku “*Finiteness conditions based on the category of factorization of a category*”. PROCEEDINGS OF THE THIRD INTERNATIONAL CONFERENCE ON ALGEBRA AND FUNCTIONAL ANALYSIS, 2009, 15-16 May 2009, Elbasan, Albania, 23-31. ISBN 978-99956-838-1-8.
220. A. Ibrahim, L. Nikolla, **A. Fundo**, “*Spectral properties of Schrodinger operators with decaying potentials*”, PROCEEDINGS OF THE THIRD INTERNATIONAL CONFERENCE ON ALGEBRA AND FUNCTIONAL ANALYSIS, 2009, 15-16 May 2009, Elbasan, Albania, 115-123. ISBN 978-99956-838-1-8.
219. N. Frasher, B. Çiço, **A. Fundo** “*Analysis of Environmental Changes in Shkodra Lake area using remote sensing*”, PROCEEDINGS OF THE SCIENTIFIC INTERNATIONAL CONFERENCE “THE LAKE OF SHKODRA- SITUATION AND PERSPECTIVES”. Podgorica – Shkodra, 2010.
218. G. Guxho, F. Demneri, **A. Fundo** “*Siguria e jetës dhe normat e flamabilitetit (aftësisë për të marrë flakë) të tekstileve*”, PROCEEDINGS OF THE 4th INTERNATIONAL TEXTILE CONFERENCE, 19 November 2010, Tirane, Albania, pp. 49-57. ISBN: 978-99956-94-46-3
217. **L. Prifti, Sh. Shehu, A. Fundo** “*Vlerësimi me pasigurinë më të vogël i mesatares së peshuar të matjeve*” PROCEEDINGS OF THE 4th INTERNATIONAL TEXTILE CONFERENCE 19 November 2010, Tirane, Albania, pp. 67-70. ISBN: 978-99956-94-46-3
216. E. Shehi, **L. Prifti**, J. Kacani, **A. Fundo**, “*Actual situation and development of the textile and garment sector*” PROCEEDINGS OF THE 4th INTERNATIONAL TEXTILE CONFERENCE 19 November 2010, Tirane, Albania, pp. 107-111. ISBN: 978-99956-94-46-3
215. K. Hakrama, G. Guxho, **A. Fundo**, “*Probleme specifike te aparateve matës të lagështisë në mjediset tekstile*”, PROCEEDINGS OF THE 4th INTERNATIONAL TEXTILE CONFERENCE 19 November 2010, Tirane, Albania, pp. 161-168. ISBN: 978-99956-94-46-3
214. Ll. Duni, N. Kuka, Sh. Kuka, **A. Fundo**: “*Towards a New Seismic Hazard Assessment of Albania*”, PROCEEDINGS OF THE 14TH EUROPEAN ASSOCIATION OF EARTHQUAKE ENGINEERING (EAEE), Ohrid, North Macedonia, 30 August-3 September 2010. Vol 4, Red Hook, NY; 2011, pp. 2565-2572. ISBN: 978-1-61782-708-2.
213. N. Frashëri, **A. Fundo**, “*Social Implications of Computers in Developing Countries*”, PROCEEDINGS OF THE 11th INTERNATIONAL CONFERENCE ON SOCIAL IMPLICATIONS OF COMPUTERS IN DEVELOPING COUNTRIES: “PARTNERS FOR DEVELOPMENT - ICT ACTORS AND ACTIONS”. 22-25 May 2011, Kathmandu, Nepal, pp. 167-179.
212. F. Xhafa, J. Kolodziej, L. Barolli, **A. Fundo**, “*A GA+TS Hybrid Algorithm for Independent Batch Scheduling in Computational Grids*”. - PROCEEDINGS - 2011

INTERNATIONAL CONFERENCE ON NETWORK-BASED INFORMATION SYSTEMS, 7-9 September 2011, Tirana, Albania, NBiS 2011: 229-235” ISBN: 978-1-4577-0789-6

211. A. Bashllari, **A. Fundo**, D. Naçe, I. Shinko, “A note on a hybrid rerouting scheme”- PROCEEDINGS OF THE 3rd INTERNATIONAL CONGRESS ON ULTRA MODERN TELECOMMUNICATIONS AND CONTROL SYSTEMS AND WORKSHOPS(ICUMT) 2011, Budapest, Hungary. ISBN: 978-1-4577-0682-0 ; ISBN: 978-963-8111-77-7 (eBook).
210. **A. Fundo**, E. Martiri, “The algorithmic definition of objects in the Information Categorization Process”, PROCEEDINGS OF THE 3rd INTERNATIONAL CONFERENCE "INFORMATION SYSTEMS AND TECHNOLOGY INNOVATION: THEIR APPLICATION IN ECONOMY" (ISTI2012), June 8-9, 2012, Tirana, Albania, Edit. K. Sevrani, pp. 47 (2012). ISBN:978-9995-6377-8-1.
209. **A. Kashuri**, **A. Fundo**, R. Liko, *On Double New Integral Transform And Double Laplace Transform*", PROCEEDINGS OF 2nd INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS (IECMSA-2013), August 26–29, 2013, Sarajevo, Bosnia and Herzegovina. Special issue: EUROPEAN SCIENTIFIC JOURNAL, Vol. 9(2013), no. 33, pp. 82-90. ISSN:1857-7881.
208. **A. Fundo**, A. Krakulli, “HE homological condition $bi-FP_{\infty}$ for inverse monoids” – PROCEEDINGS OF THE 1st INTERNATIONAL WESTERN BALKANS CONFERENCE OF MATHEMATICAL SCIENCES- May 30- June 1, 2013, Elbasan, Albania, Edit. A. Tato, E. Savaş, N. Braha, pp. 18-26. ISBN 978-9928-115-27-0.
207. **A. Fundo**, **E. Raço**, **T. Myftiu**, **A. Naço**, “Statistical relationship between rural poverty and congenital birth defects in Albania: a GIS Approach” PROCEEDINGS OF THE INTERNATIONAL CONFERENCE “INFORMATION SYSTEM AND TECHNOLOGY INNOVATION: PROJECTING TRENDS TO A NEW ECONOMY”(ISTI). Tiranë, 2014. Edit. K. Sevrani, pp. 31. ISBN: 978-9928-02-481-7
206. **A. Fundo**, “Comparing NTFS file system with ETX4 file system”. PROCEEDINGS OF THE INTERNATIONAL CONFERENCE “INFORMATION SYSTEM AND TECHNOLOGY INNOVATION: PROJECTING TRENDS TO A NEW ECONOMY”, (ISTI). Tiranë, 2014. Edit. K. Sevrani, pp. 9. ISBN: 978-9928-02-481-7
205. **A. Fundo**, **Sh. Kuka**. ”The role of map algebra in spatial information analysis”, PROCEEDINGS OF THE 3rd INTERNATIONAL CONFERENCE ON "RESEARCH AND EDUCATION CHALLENGES TOWARDS THE FUTURE" (ICRAE 2015), Shkodër, October 23-24, 2015. ISSN: 2308-0825.
204. **A. Fundo**, E. Aliaj, “Parallelization of an information transferring algorithm between binary files”, PROCEEDINGS OF THE 3rd INTERNATIONAL

CONFERENCE ON "RESEARCH AND EDUCATION CHALLENGES TOWARDS THE FUTURE" (ICRAE 2015), Shkodër, October 23-24, 2015. ISSN: 2308-0825.

203. **A. Daci**, S. Meta, **S. Tola**. *Mathematical Modeling of Price Dynamics and Inventory Management*, PROCEEDINGS OF WESTERN BALKAN CONFERENCE IN MATHEMATICS AND APPLICATIONS (WBCMA 2024), 6-7 September 2024, Tirana, Albania. pp. 9-18. ISBN 978-9951-9120-1-3.
202. **A. Kashuri**, **A. Fundo**, Rozana Liko, *New integral transform in Caputo type fractional difference operator*, PROCEEDINGS OF 4th UBT ANNUAL INTERNATIONAL CONFERENCE ON BUSINESS, TECHNOLOGY AND INNOVATION, 6-7 November (2015), pp. 23-28. ISBN: 978-9951-550-14-7.
201. **A. Fundo**, **A. Kashuri**, R. Liko, **M. Kreku**, "Fuzzy new integral transform method for solving second-order fuzzy differential equations", PROCEEDINGS OF INTERNATIONAL CONFERENCE "MATHEMATICS DAYS IN TIRANA" (MDT2015), December 11-12, 2015, Tirana, Albania, 65-74. ISBN: 978-9928-4329-0-2
200. M. Elmazaj, **A. Fundo**, *Mbiarsimimi i te diplomuarve dhe ndikimi i tij ne te ardhurat*, PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON "INTERDISCIPLINARY STUDIES", 5 March 2016, Tirana, Albania. Edit. Endri Papajorgji, pp. 156-163. Edlora 2016. ISBN: 978-9928-214-04-1.
199. **A. Fundo**, Rr. Ormeni, *Some basic aspects of seismic activity during 2015 year*, PROCEEDINGS OF THE 6th INTERNATIONAL CONFERENCE ON SCIENCE, TECHNOLOGY AND MANAGEMENT, 4 Decemeber 2016, New Delhi, India. 1-9. ISBN: 978-93-86171-16-0.
198. **A. Fundo**, *The future of networking: software networks*, PROCEEDINGS OF THE 7th INTERNATIONAL CONFERENCE "INFORMATION SYSTEMS AND TECHNOLOGY INNOVATIONS: THE NEW PARADIGM FOR A SMARTER ECONOMY" (ISTI) 2016, Tirane, Albania. (Edit. Kozeta Sevrani et. al.). pp.18. ISBN: 978-9928-148-56-8
197. **A. Fundo**, *Mathematical model to evaluating the performance of foreign funds with fuzzy theory (multi-criteria) for decision-making*, PROCEEDINGS OF THE 7th INTERNATIONAL CONFERENCE "INFORMATION SYSTEMS AND TECHNOLOGY INNOVATIONS: THE NEW PARADIGM FOR A SMARTER ECONOMY" (ISTI) 2016, Tirane, Albania. (Edit. Kozeta Sevrani et. al.). pp. 78. ISBN: 978-9928-148-56-8
196. **M. Kreku**, **A. Fundo**, "Local Fractional α -integral Variatonial Iteration Method for solving Diffusion and wave Equations on Cantor Sets", PROCEEDINGS OF THE INTERNATIONAL CONFERENCE, ISTI – 2017 , June 23 - 24, 2017, Tirana, Albania. Edit. K. Sevrani, pp. 64 (2017). ISBN: 978-9928-148-67-4.
195. **A. Fundo**, D. Naçe, C. Wang, *A Heuristic Approach for the Robust Flight Level Assignment Problem*, PROCEEDINGS OF THE 5TH INTERNATIONAL CONFERENCE "BELIEF FUNCTIONS: THEORY AND APPLICATIONS", BELIEF 2018, Compiègne, France, September 17–21, 2018, p. 86-94. Sébastien Destercke,

Thierry Denoeux, Fabio Cuzzolin, Arnaud Martin (Eds.) ISBN 978-3-319-99382-9; ISBN 978-3-319-99383-6 (eBook). LECTURE NOTES IN ARTIFICIAL INTELLIGENCE, ISSN 0302-9743 Springer Nature Switzerland AG 2018.

194. **E. Maraj, Sh. Kuka**, "*Prediction of Coronary Heart Disease Using Fuzzy Logic: Case Study in Albania*", PROCEEDINGS OF INTERNATIONAL CONFERENCE ON ELECTRICAL, COMPUTER AND ENERGY TECHNOLOGIES (ICECET 2022), 20-22 July 2022, Prague, Czech Republic. ISBN:978-1-6654-7087-2, Print on Demand (PoD) ISBN:978-1-6654-7088-9.
193. **Sh. Kuka, A. Gjevori** "*Optimisation of implantation parameters of amorphous TiO₂ thin films by SRIM*", PROCEEDINGS OF THE XXIX INTERNATIONAL SCIENTIFIC CONFERENCE of the Union of Scientists, 6 - 7 June 2019 in Stara Zagora, Bulgaria, SPECIAL ISSUE OF SCIENCE & TECHNOLOGY: TECHNICAL STUDIES, Vol. IX (2019), No. 3, 14-19. ISSN 1314-4111.
192. **Sh. Kuka, A. Gjevori**: "*Using SRIM to calculate concentration profiles of carbon and nitrogen ions on amorphous TiO₂ thin films*", PROCEEDINGS OF THE JOINT SCIENCE CONGRESS OF MATERIALS AND POLYMERS, ISCMP2018, 10-12 November 2018, Durres, Albania. e-ISBN: 978-605-5267-49-0. Sidas Medya Ltd. Ltd. Şti.: Fezipaşa Blv. Çelik İş Merkezi Kat:3 D: 302 Çankaya, İzmir, Turkey.
191. **E. Cenaj, R. Dervishi, Sh. Kuka**, "*Mathematical simulation of an accident situation at intersection*", PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON APPLIED AND ECONOMETRICS. ISBN 978-9928-135-20-9, 27-28 April 2017, Tirana, Albania, Epoka University.
190. **Sh. Kuka, A. Naço**, R. Kosova: "*On the control and evaluation of the coverage quality with radio-signals of the celular networks. A Case Study from Tirana, Albania*". PROCEEDINGS OF THE 24th CONFERENCE ON APPLIED AND INDUSTRIAL MATHEMATICS - CAIM 2016, ISSN 2537-2688, Craiova, Romania, September 15-18, 2016"
189. **Dh. Kuqi, Sh. Kuka, M. Kuqali, P. Malkaj, A. Hoxha**: "*Digital Mapping of electromagnetic field for frequencies from 900 to 1 800 MHz in some areas in Tirana*", Volume 1722: PROCEEDINGS OF THE 9TH INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION (BPU-9), 24-27 August 2015, Istanbul, Turkey. ISBN: 9780735413696.
188. J. Bushati, **Sh. Kuka**, K. Sevrani, A. Sula "*Integration of the GIS/GPS technologies in the pre-university education*", PROCEEDINGS OF UFZG2015 CONFERENCE, 13-15 April 2015/Opatija, Croatia, ISBN:978-953-7210-83-0.
187. **Sh. Kuka**, J. Bushati: "*On the role of the GIS technology at the geospatial education (Qgis vs Arcgis)*", 3RD INTERNATIONAL CONFERENCE ON BUSINESS, TECHNOLOGY AND INNOVATION, 7-8 November 2014, Durres, Albania. ISBN:978-9951-437-26-4.
186. **Sh. Kuka, A. Naço, T. Myftiu, E. Raço** "*The combination if GIS with BI Component in Decision Making*", PROCEEDINGS OF THE FIFTH

INTERNATIONAL CONFERENCE ISTI-2014, 6-7 June 2014, Tirana, Albania.
ISBN: 978-9928-02-481-7

185. **Sh. Kuka, T. Myftiu**, "*A view on some Microsoft Excel add-ins at Linear Algebra*", PROCEEDINGS OF THE 2ND INTERNATIONAL CONFERENCE EDUCATION ACROSS BORDERS "CRITICAL THINKING IN EDUCATION", 31 October-1 November 2014, Korçe, Albania, ISBN: 9789928146274.
184. **Sh. Kuka**, E. Kuka, **T. Myftiu**: "*The Importance and the role of the Land Cover/Land Use in projecting of communication systems of cellular companies*", PROCEEDINGS OF THE 2ND INTERNATIONAL CONFERENCE ICRAE2014 CONFERENCE- ISSN: 2308-0825, University of Shkodra "Luigj Gurakuqi", 30-31 May 2014, Shkodër, Albania.
183. F. Maho, **Sh. Kuka**. "*Comparison of natural channel modelling packages for use in flood protection design*", PROCEEDINGS OF THE INTERNATIONAL CONFERENCE(ICRAE-2013), 24-25 May 2013, Shkodër, Albania. ISSN:2308-0825,
182. **Sh. Kuka**, E. Murati, "*Video Logging & Geo-referencing with low cost as an integrated part of Road Maintenance Systems*", PROCEEDINGS OF THE EIGHTH ANNUAL INTERNATIONAL CONFERENCE OF ALB-SCIENCE, 29-31 August 2013, Tirana, Albania. ISBN: 978-9928-110-34-3.
181. **Sh. Kuka, L. Prifti**, "*Spatial Interpolation Methods, Case study: Coverage Maps of Signal Quality of Different Operators in Tirana Region*", PROCEEDINGS OF THE EIGHTH ANNUAL INTERNATIONAL CONFERENCE OF ALB-SCIENCE, 29-31 AUGUST 2013, Tirana, Albania. ISBN: 978-9928-110-34-3
180. **T. Myftiu, Sh. Kuka**: "*Mathematical model for evaluate the impact of infrastructure projects implemented in Albania*", PROCEEDINGS OF THE FOURTH INTERNATIONAL CONFERENCE "INFORMATION SYSTEMS AND TECHNOLOGY INNOVATION: TOWARDS A DIGITAL ECONOMY", 15-16 June 2013. Tirana, Albania. ISBN: 978-9928-161-38-3.
179. **T. Myftiu**, R Shtraza, **Sh. Kuka**: "*Application of category theory in relational databases*", PROCEEDINGS OF THE THIRD INTERNATIONAL CONFERENCE "INFORMATION SYSTEMS AND TECHNOLOGY INNOVATION: THEIR APPLICATION IN ECONOMY", 8-9 June 2012, Tirana, Albania. Proceedings Book: ISBN: 978-9995-6377-8-1.
178. K. Naka, **K. Hila**, "*On a generalization of prime hyperideals of commutative hyperrings*", PROCEEDINGS OF INTERNATIONAL CONFERENCE "MATHEMATICS DAYS IN TIRANA" (MDT2015), December 11-12, 2015, Tirana, Albania, 39-47. ISBN: 978-9928-4329-0-2
177. **K. Hila**, I. Vardhami, K. Gjino, "*On the topological structures on Γ -semirings*", PROCEEDINGS OF THE 1ST ANNUAL INTERNATIONAL INTERDISCIPLINARY CONFERENCE, April 24-26, 2013, Azores Islands, Portugal, Egalite(European Scientific Institute Publishing), Vol. 3, 17-30, June 2013, ISBN 978-608-4642-05-3

176. K. Naka, **K. Hila**, “On generalised quasi(bi)-hyperideals of ternary semihypergroups”, PROCEEDINGS OF THE 1ST INTERNATIONAL WESTERN BALKAN CONFERENCE OF MATHEMATICAL SCIENCES (IWBCMS), May 30-June 1, 2013, Elbasan, Albania, Edit. A. Tato, E. Savaş, N. Braha, pp. 27-45. ISBN 978-9928-115-27-0
175. **K. Hila**, K. Naka “Ternary semihypergroups characterized by a class of fuzzy hyperideals”, PROCEEDINGS OF THE 1ST VIRTUAL INTERNATIONAL CONFERENCE IN THE ADVANCED RESEARCH IN SCIENTIFIC AREAS (ARSA-2012), December 3 - 7, 2012, EDIS - Publishing Institution of the University of Zilina, Slovak Republic. Edit. Ing. Michal Mokryš, Ing. Anton Lieskovský, Ph.D., pp. 1468-1473, ISBN: 978-80-554-0606-0, ISSN: 1338-9831
174. **K. Hila**, J. Dine, K. Naka, “Soft m -ary Semihypergroups, PROCEEDINGS OF THE INTERNATIONAL CONFERENCE "INFORMATION SYSTEMS AND TECHNOLOGY INNOVATION: THEIR APPLICATION IN ECONOMY" (ISTI2012), June 8-9, 2012, Tirana, Albania, Edit. K. Sevrani, pp. 64 (2012). ISBN: 978-9995-6377-8-1
173. S. Abdullah, M. Aslam, M. Naeem, **K. Hila**, “Soft Intersection Γ -nearrings and Its Applications”, PROCEEDINGS OF THE FOURTH INTERNATIONAL CONFERENCE ON MATHEMATICAL SCIENCES-ICM2012, March 11-14, 2012, UAEU, Dubai, United Arab Emirates, Edit. Philippe Poulin (Tome I), pp. 615-636.
172. K. Naka, **K. Hila**, “On quasi-hyperideals in ternary semihypergroups”, PROCEEDINGS OF THE SIXTH INTERNATIONAL ANNUAL MEETING OF “ALB-SHKENCA” INSTITUTE IASH 2011, 1-4 September 2011, Prishtina, KOSOVO, JOURNAL OF INSTITUTE ALB-SHKENCA (SPECIAL ISSUE) Vol. V(2012), Nr. 3, 331-342, ISSN 2073-2244.
171. **K. Hila**, S. Abdullah, “On topological structure on semihypergroups”, PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON TOPOLOGY AND ITS APPLICATIONS (ICTA2011) (Islamabad, Pakistan, July 4-10, 2011). Cambridge Scientific Publishers (2012), Edit. A. V. Arhangel'skii, M. ud D. Khan, L. D.R. Kocinac, pp. 221-229. ISBN 978-1-908106-17-9
170. **K. Hila**, K. Naka, “On pure hyperideals in ternary semihypergroups”, PROCEEDINGS OF 1ST INTERNATIONAL SYMPOSIUM ON COMPUTING IN INFORMATICS AND MATHEMATICS 2011 (ISCIM 2011), June 2-4, 2011, Tirana-Durres, Albania. 582-598. ISBN: 978-9928-4044-8-0
169. **K. Hila**, J. Dine, “On hyperideals and their topologies in left almost semihypergroups”, PROCEEDINGS OF 1ST INTERNATIONAL SYMPOSIUM ON COMPUTING IN INFORMATICS AND MATHEMATICS 2011 (ISCIM 2011), June 2-4, 2011, Tirana-Durres, Albania, 569-581. ISBN: 978-9928-4044-8-0
168. **K. Hila**, J. Dine, “On intra-regular semihypergroups through intuitionistic fuzzy sets”, PROCEEDINGS OF 1ST INTERNATIONAL SYMPOSIUM ON COMPUTING IN INFORMATICS AND MATHEMATICS 2011 (ISCIM 2011), June 2-4, 2011, Tirana-Durres, Albania, 555-568, ISBN: 978-9928-4044-8-0

167. **K. Hila**, K. Naka, “*On regular ternary semihypergroups*”, PROCEEDINGS OF THE FOURTH INTERNATIONAL ANNUAL MEETING OF “ALB-SHKENCA” INSTITUTE IASH 2010, 2-5 September 2010, Tirana, ALBANIA, JOURNAL OF INSTITUTE ALB-SHKENCA (SPECIAL ISSUE) Vol. IV (2011), Nr. 3, 551-560, ISSN 2073-2244.
166. **K. Hila**, K. Naka, “*On lateral hyperideals in ternary semihypergroups*” PROCEEDINGS OF THE FOURTH INTERNATIONAL CONFERENCE ON ALGEBRA AND FUNCTIONAL ANALYSIS, 14-15 May 2010, Elbasan, Albania. ALBANIAN JOURNAL OF NATURAL AND TECHNICAL SCIENCES (AJNTS) (SPECIAL ISSUE) 28(2010), No. 2, 79-92. ISSN 2074-0867.
165. **K. Hila**, K. Naka, “*On minimal and maximal quasi-ideals in ordered Γ -semigroups*”, PROCEEDINGS OF THE THIRD INTERNATIONAL CONFERENCE ON ALGEBRA AND FUNCTIONAL ANALYSIS, 15-16 May 2009, Elbasan, Albania, 29-45. ISBN 978-99956-838-1-8.
164. **K. Hila**, J. Dine, “*On Green’s relations in BQ- Γ -semigroups*”, PROCEEDINGS OF THE THIRD INTERNATIONAL CONFERENCE ON ALGEBRA AND FUNCTIONAL ANALYSIS, 15-16 May 2009, Elbasan, Albania, 68-80. ISBN 978-99956-838-1-8.
163. **K. Hila**, J. Dine, “*Green’s relations in periodic Γ -semigroups*”, PROCEEDINGS OF THE FOURTH INTERNATIONAL ANNUAL MEETING OF “ALB-SHKENCA” INSTITUTE IASH 2009, 1-2 September 2009, Tetovo, FYROM, JOURNAL OF INSTITUTE ALB-SHKENCA (SPECIAL ISSUE) Vol. III (2009), Nr. 1, 88-93, ISSN 2073-2244.
162. **K. Hila**, *Filters in ordered Γ -semigroups*, PROCEEDINGS OF THE SECOND INTERNATIONAL CONFERENCE ON ALGEBRA AND FUNCTIONAL ANALYSIS, Elbasan, Albania, 1-2 July 2008, 49-68. ISBN 978-99956-838-1-8.
161. **K. Hila**, “*Algebra of polar subsets of an ordered semigroup*”, PROCEEDINGS OF THE THIRD INTERNATIONAL ANNUAL MEETING OF “ALB-SHKENCA” INSTITUTE IASH 2008, Tirana 1-3 September 2008, JOURNAL OF INSTITUTE ALB-SHKENCA (SPECIAL ISSUE) Vol. II(2008), Nr. 3, 131-140, ISSN 2073-2244
160. **A. Naço, A. Kashuri**, “*Generalized tempered fractional Simpson-type integral inequalities using differentiable n -polynomial convex functions and their applications*”, PROCEEDINGS OF WESTERN BALKAN CONFERENCE ON MATHEMATICS AND APPLICATIONS (WBCMA), 06-07 September 2024, Tiranë, Albania. pp. 76-93. ISBN 978-9951-9120-1-3.
159. **A. Naço, A. Kashuri**, H. Budak, *Novel fractional integral inequalities of Bullen-Mercer type pertaining to differentiable convex functions with applications*, PROCEEDINGS OF KOCAELI SCIENCE CONGRESS 2024 (KOSC-2024), 02-04 October 2024, Istanbul, Turkey. pp. 97-103. ISBN: 978-625-9517-8-5. DOI: 10.5281/zenodo.14316560
158. **A. Kashuri**, R. Liko, “*Novel generalized tempered fractional Milne-type integral inequalities via differentiable s -convex functions and applications*”, PROCEEDINGS

OF 8TH INTERNATIONAL CONFERENCE ON MATHEMATICS (ICOMATH), 09-11 July 2024, Istanbul, Turkey. pp. 527-543, ISBN: 978-605-67964-2-7.

157. **A. Kashuri**, R. Liko, “Some new generalized tempered fractional Milne-type integral inequalities pertaining to differentiable subadditive functions”, PROCEEDINGS OF 8TH INTERNATIONAL CONFERENCE ON MATHEMATICS (ICOMATH), 09-11 July 2024, Istanbul, Turkey. pp. 512-527, ISBN: 978-605-67964-2-7.
156. **A. Kashuri**, R. Liko, “Estimations of integral majorization inequality for differentiable convex functions and applications”, PROCEEDINGS OF THE 8th INTERNATIONAL CONFERENCE ON COMPUTATIONAL MATHEMATICS AND ENGINEERING SCIENCES (CMES), 17-19 May 2024, Sanliurfa, Turkey. ISBN-77733, pp. 146-159.
155. R. Liko, **A. Kashuri**, E. Lamçe, “Estimation of majorization differences for differentiable convex functions”, PROCEEDINGS OF FOURTH INTERNATIONAL CONFERENCE ON NEW RESEARCH AND ADVANCES ON COMPUTER SCIENCE AND INFORMATION TECHNOLOGY (NRA-CSIT), 15-16 December 2023, Vlorë, Albania. ISBN: 9789928478009, pp. 158-165.
154. **A. Kashuri**, R. Liko, “Tempered fractional Hermite-Hadamard type inequalities pertaining to to n -polynomial uniformly convex functions with application”, PROCEEDINGS OF FOURTH INTERNATIONAL CONFERENCE ON NEW RESEARCH AND ADVANCES ON COMPUTER SCIENCE AND INFORMATION TECHNOLOGY (NRA-CSIT), 15-16 December 2023, Vlorë, Albania. ISBN: 9789928478009, pp. 127-140.
153. R. Liko, **A. Kashuri**, “Results on reverse Minkowski type inequalities via new generalized tempered fractional integral operators and applications”, PROCEEDINGS OF THIRD WESTERN BALKAN CONFERENCE ON MATHEMATICS AND APPLICATIONS (WBCMA), 7-9 September 2023, Prishtinë, Kosovo. ISBN: 978-9951-9120-1-3, pp. 30-46.
152. **A. Kashuri**, R. Liko, “Some novelty inequalities via new generalized tempered fractional integral operators with applications”, PROCEEDINGS OF THIRD WESTERN BALKAN CONFERENCE ON MATHEMATICS AND APPLICATIONS (WBCMA), 7-9 September 2023, Prishtinë, Kosovo. pp. 9-29. ISBN: 978-9951-9120-1-3,
151. R. Liko, **A. Kashuri**, “Estimations of bounds for parameterized Simpson’s type inequalities using (s,m) -differentiable convex functions via generalized fractional integrals”, PROCEEDINGS OF THE 7TH INTERNATIONAL CONFERENCE ON COMPUTATIONAL MATHEMATICS AND ENGINEERING SCIENCES (CMES), 20-21 May 2023, Elazig, Turkey. ISBN-77733, pp. 252-269.
150. **A. Kashuri**, R. Liko, “Some new tempered fractional Hermite-Hadamard type inequalities via uniformly convex functions”, PROCEEDINGS OF THE 7TH INTERNATIONAL CONFERENCE ON COMPUTATIONAL MATHEMATICS

AND ENGINEERING SCIENCES (CMES), 20-21 May 2023, Elazig, Turkey. ISBN-77733, pp. 270-282.

149. R. Liko, **A. Kashuri**, “Some novel fractional Hermite-Hadamard type inequalities involving exponential kernel pertaining to (h_1, h_2) -preinvex functions and their applications”, PROCEEDINGS OF SECOND WESTERN BALKAN CONFERENCE ON MATHEMATICS AND APPLICATIONS (WBCMA), 1-3 September 2022, Prishtinë, Kosovo. ISBN: 978-9951-9120-0-6, pp. 49-65.
148. **A. Kashuri**, R. Liko, “Hermite–Hadamard type integral inequalities involving k -Riemann–Liouville fractional integrals and their applications”, PROCEEDINGS OF XIV INTERNATIONAL CONFERENCE ON DIFFERENTIATION RULES AND INTEGRATION TECHNIQUES (ICDRIT), 11-12 November 2020, Roma, Italy, pp. 668-673, ISSN: 1307-6892; Special Issue of INTERNATIONAL JOURNAL OF MATHEMATICAL AND COMPUTATIONAL SCIENCES, Vol. 15 (2021), No. 3, pp. 18-23, ISNI: 0000000091950263.
147. **A. Kashuri**, R. Liko, “Some integral inequalities of Hermite-Hadamard type on time scale and their applications”, PROCEEDINGS OF XV INTERNATIONAL CONFERENCE ON FRACTIONAL CALCULUS AND APPLIED MATHEMATICS (ICFCAM), 08-09 April 2021, Athens, Greece, pp. 333-338, ISSN: 1307-6892; Special Issue of INTERNATIONAL JOURNAL OF PHYSICAL AND MATHEMATICAL SCIENCES, Vol. 15(2021), No. 4, ISNI: 0000000091950263.
146. **A. Kashuri**, R. Liko, “New parametrized inequalities pertaining to s -convex functions via generalized integral operators with applications”, PROCEEDINGS OF INTERNATIONAL CONFERENCE ON MATHEMATICAL APPLICATIONS (ICMATAP), 1-2 November 2021, Oslo, Norway, pp. 52-57, ISBN: 978-93-92104-05-3.
145. **A. Kashuri**, R. Liko, “Several new bounds of Gauss-Jacobi type quadrature formula pertaining to s -convex functions”, PROCEEDINGS OF 5TH INTERNATIONAL ONLINE CONFERENCE ON MATHEMATICS “AN ISTANBUL MEETING FOR WORLD MATHEMATICIANS” (ICOMATH), 1-3 December 2021, Istanbul, Turkey, pp. 98-106, ISBN: 978-605-67964-7-0.
144. **A. Kashuri**, R. Liko, “New integral inequalities for exponentially nonconvex functions pertaining Raina function”, PROCEEDINGS OF FIRST WESTERN BALKAN CONFERENCE ON MATHEMATICS AND APPLICATIONS (FWBCMA), 10-12 June 2021, Prishtinë, Kosovo, pp. 84-109, ISBN: 978-9951-23-187-9.
143. **A. Kashuri**, R. Liko, “New quantum type integral inequalities pertaining to twice q -differentiable χ -convex functions and their applications”, PROCEEDINGS OF THIRD INTERNATIONAL CONFERENCE ON NEW RESEARCH AND ADVANCES ON COMPUTER SCIENCE AND INFORMATION TECHNOLOGY (NRA-CSIT), 17-18 December 2021, Vlorë, Albania, pp. 24-34, Edicion Special-2021, ISSN: 2310-6719.
142. R. Liko, **A. Kashuri**, Ll. Sota, “Time-varying unit root model in nominal exchange rate during Covid-19”, PROCEEDINGS OF THIRD INTERNATIONAL CONFERENCE ON NEW RESEARCH AND ADVANCES ON COMPUTER

SCIENCE AND INFORMATION TECHNOLOGY (NRA-CSIT), 17-18 December 2021, Vlorë, Albania, pp. 16-23, Edicion Special-2021, ISSN: 2310-6719.

141. R. Liko, **A. Kashuri**, “Several new bounds of Hermite-Hadamard type integral inequalities pertaining to s -convex functions and their applications”, PROCEEDINGS OF 5TH INTERNATIONAL ONLINE CONFERENCE ON MATHEMATICS “AN ISTANBUL MEETING FOR WORLD MATHEMATICIANS” (ICOMATH), 1-3 Decemeber 2021, Istanbul, Turkey, pp. 467-478, ISBN: 978-605-67964-7-0.
140. **A. Kashuri**, R. Liko, “Ostrowski type fractional integral inequalities”, PROCEEDINGS OF 2ND INTERNATIONAL CONFERENCE ON NEW RESEARCH AND ADVANCES ON COMPUTER SCIENCE AND INFORMATION TECHNOLOGY (NRA-CSIT), 18-19 October 2019, Vlorë, Albania, pp. 196-207, ISBN: 978-9928-284-18-1.
139. **A. Kashuri**, R. Liko, “Some Hermite-Hadamard type inequalities for n -time differentiable functions which are generalized (s, m, φ) -preinvex”, PROCEEDINGS OF 6TH INTERNATIONAL CONGRESS ON FUNDAMENTAL AND APPLIED SCIENCES(ICFAS), 18–20 June 2019, Tiranë, Albania, ISBN: 978-605-67052-4-3.
138. **A. Kashuri**, R. Liko, “On Fejér type inequalities for convex mappings utilizing generalized fractional integrals”, PROCEEDINGS OF FIRST SCIENTIFIC CONFERENCE “INNOVATION, MATHEMATICS AND INFORMATION TECHNOLOGY (ISC-IMIT), 22-23 November 2019, Tiranë, Albania, pp. 254-267, ISBN: 978-1-78911-007-4.
137. R. Liko, **A. Kashuri**, M. Ramosaçaj, “An investigation of calendar anomalies in Albanian nominal exchange rate”, PROCEEDINGS OF 2ND INTERNATIONAL CONFERENCE ON NEW RESEARCH AND ADVANCES ON COMPUTER SCIENCE AND INFORMATION TECHNOLOGY (NRA-CSIT), 18-19 October 2019, Vlorë, Albania, pp. 161-168, ISBN: 978-9928-284-18-1.
136. **A. Kashuri**, M. Ramosaçaj, R. Liko, “Uncertain fuzzy Hermite-Hadamard type inequalities for generalized (s, m, φ) -preinvex Godunova-Levin functions of the second kind”, PROCEEDINGS OF INTERNATIONAL CONFERENCE IN COMPUTING, INFORMATION TECHNOLOGY AND BUSINESS APPLICATIONS (ICCITBA), 6 May 2017, Durrës, Albania, pp. 20-22, ISBN: 978-9928-4387-5-1.
135. R. Liko, **A. Kashuri**, “Investigation of relationship between exchange rate and inflation in Albania”, PROCEEDINGS OF FOURTH INTERNATIONAL SCIENTIFIC CONFERENCE “SCIENTIFIC CHALLENGES FOR SUSTAINABLE DEVELOPMENT” (SCfSD), 22-23 April 2017, Strugë, North Macedonia, pp. 21-31, ISBN: 978-608-4573-27-2.
134. **A. Çausi**. “Applications of the statistical convergence and of the ideals in integration“. PROCEEDINGS OF 1st INTERNATIONAL CONFERENCE ON CONTEMPORARY ACADEMIC RESEARCH, 17-19 May 2023, Konya, Turkey, ISBN: 978-625-99108-2-6

133. **A. Çausi.** “*Ideal convergence and Ideal Dunford integration on Banach space*”, PROCEEDINGS OF 1ST INTERNATIONAL CONFERENCE ON SCIENTIFIC AND INNOVATIVE STUDIES (ICSIS 2023), April 18-20, 2023, Konya, Turkey, vol. 1, pp. 404-409, ISBN: 978-625-99074-1-3 .
132. **A. Çausi.** *On The Ideal Convergence of Martingales*, PROCEEDINGS OF 1ST INTERNATIONAL CONFERENCE ON SCIENTIFIC AND INNOVATIVE STUDIES ICSIS 2023, April 18-20, 2023, Konya, Turkey, vol. 1, pp. 410-413, ISBN: 978-625-99074-1-3.
131. **R. Dervishi, E. Cenaj,** “*Health harms and effects after Covid-19 pandemic: Comparison with neighbouring countries*“, PROCEEDINGS OF INTERNATIONAL SCIENTIFIC CONFERENCE TECHNICS. TECHNOLOGIES. EDUCATION. SAFETY. September 2-5, 2024, Varna, Bulgaria, pp. 97-101, ISSN: 2535-0323.
130. **E. Cenaj, R. Dervishi,** *Application of the Binary Logistic Regression Model in a Social Security Scheme in Albania*, PROCEEDINGS OF 5th INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED NATURAL SCIENCES, August 25-26, 2024, Konya, Turkey, SPECIAL ISSUE OF INTERNATIONAL JOURNAL OF ADVANCED NATURAL SCIENCES AND ENGINEERING RESEARCHES, Vol 8 (2024), No. 7, pp. 410-413. ISSN: 2980-0811
129. **E. Cenaj, R. Dervishi, Zh. (Muka) Meço,** *Performing Chi-square Test to Identify Factors Related to Human Health in two rural zones of Albania*, PROCEEDINGS OF 5th INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED NATURAL SCIENCES, August 25-26, 2024, Konya, Turkey, SPECIAL ISSUE OF INTERNATIONAL JOURNAL OF ADVANCED NATURAL SCIENCES AND ENGINEERING RESEARCHES, Vol 8 (2024), No. 7, pp. 414-417. ISSN: 2980-0811
128. **R. Dervishi, E. Cenaj,** “*An example of a vehicle-pedestrian accident reconstruction by Mathematical and Software Model*“, PROCEEDINGS OF 2nd INTERNATIONAL CONFERENCE ON RECENT ACADEMIC STUDIES, October 19-20, 2023, Konya, Turkey, ISBN: 978-625-6530-67-6
127. **Zh. Muka, A. Brakaj, E. Cenaj,** “*Difficulty of test by Fuzzy logic*“, PROCEEDINGS OF 2nd INTERNATIONAL CONFERENCE ON CONTEMPORARY ACADEMIC RESEARCH (ICCAR 2023), November 4-5, 2023, Konya, Turkey, pp. 355-360. ISBN: 978-625-6530-69-0.
126. **R. Dervishi, E. Cenaj,** “*Traffic Accident Characteristics of Albania and their Prediction using Bayesian Approach*“, PROCEEDINGS OF VI INTERNATIONAL SCIENTIFIC CONFERENCE, INDUSTRY 4.0, Varna, Bulgaria, Scientific and Technical Union of Mechanical Engineering, June 23-26, 2021, ISSN: 2535-0153
125. **R. Dervishi, E. Cenaj,** “*Example of an accident reconstruction with Virtual Crash Software and the Mathematical Simulation of this Accident Situation at Intersection*“, PROCEEDINGS OF VI INTERNATIONAL SCIENTIFIC CONFERENCE “INDUSTRY 4.0“, Varna, Bulgaria, Scientific and Technical Union of Mechanical Engineering, June 23-26, 2021, ISSN: 2535-0153

124. N. Baci, R. Rada, E. Zoto, **E. Cenaj**, “*Advantages of using Decision Trees*”, PROCEEDINGS OF INTERNATIONAL CONFERENCE II, “INFORMATION SYSTEM AND TECHNOLOGIES AND THEIR IMPORTANCE IN THE ECONOMIC DEVELOPMENT”, June, 10-11, 2011, Tirana, Albania, pp. 63-68. ISBN: 978-99956-59-13-4.
123. **E. Musta**. “*The New Integral Transform: "NE Transform" and Its Applications*”, PROCEEDINGS OF THE 2nd INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY STUDIES “RECENT STUDIES AND RESEARCH” 24-25 February 2023, Brussels. ISBN: 978-1-915312-06-8.
122. **E. Musta**. “*A New Approach of Fuzzy Technique Using “NE” Integral Transform*”, PROCEEDINGS OF 1ST INTERNATIONAL CONFERENCE ON RECENT ACADEMIC STUDIES (ICRAS 2023), MAY 2-4, 2023, Konya, Turkey. ISBN: 978-625-99108-0-2
121. **E. Musta**, “*The Complex Form of “NE” Integral Transform*”, PROCEEDINGS OF 1st INTERNATIONAL CONFERENCE ON RECENT ACADEMIC STUDIES, May 2-4, 2023, Konya, Turkey. ISBN: 978-625-99108-0-2
120. **A. Çausi**. “*Unconditional converges of series and statistical Pettis integration*”, PROCEEDINGS OF THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania. SPECIAL NUMBER OF THE BULLETIN OF TECHNICAL SCIENCES (UPT), pp. 20-26. ISSN 05 62 B 945.
119. **A. Gjana**, A. Benga, G. Zeneli. “*Optimal Potfolio Models and Medium Variance Tests*“. PROCEEDINGS OF THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania. SPECIAL NUMBER OF THE BULLETIN OF TECHNICAL SCIENCES (UPT), pp. 9-14. ISSN 05 62 B 945.
118. **A. Gjana**, G. Zeneli, A. Benga. Portfolio Analysis Using Mathematical Methods. PROCEEDINGS OF INTERNATIONAL CONFERENCE ON “SOCIO-ECONOMIC PERSPECTIVES IN THE AGE OF XXI CENTURY GLOBALIZATION”, TIRANA – ALBANIA, 1-2 December 2017. Tirana, Albania. ISBN: 978-9928-149-43-5
117. **A. Gjana, S. Kovaçi**. “*The Correlation Analysis of The Daily Covid-19 New Cases Data Series In Albania*”. PROCEEDINGS OF 10TH INTERNATIONAL CONFERENCE ON MATHEMATICAL MODELING IN PHYSICAL SCIENCES (IC-MSQUARE 2021), 6-9 SEPTEMBER 2021, GREECE, JOURNAL OF PHYSICS: CONFERENCE SERIES, 2021, 2090(1), 012019
116. F. Basholli, B. Mema, D. Hyka, **A. Basholli**, A. Daberdini. *Analysis of security challenges in SCADA systems, a technical review on automated real-time systems*. PROCEEDINGS OF 8th ADVANCED ENGINEERING DAYS (AED), 8 December 2023, Mersin, Türkiye. pp. 18-22. ISBN: 978-605-72800-7-7
115. D. Kaçorri (Salillari), A. Basholli, L. Prifti. “*Non-homogeneous Poisson Process with polynomial function rate to predict road accidents: A case study in Albania*”. PROCEEDINGS OF THE 2ND INTERNATIONAL CONFERENCE ON

CONTEMPORARY ACADEMIC RESEARCH (ICCAR2023), 04-05 November, Konya Turkey. AS-PROCEEDINGS, Vol. 1 (2023), No. 2, pp. 446-450. ISBN: 978-625-6530-69-0

114. **A. Basholli**, B. Mema, F. Basholli, D. Hyka, **D. Salillari**. “*The role of education in cyber hygiene*”. PROCEEDINGS OF 7th ADVANCED ENGINEERING DAYS (AED), 9 July 2023, Mersin, Türkiye. pp. 178-181. ISBN: 978-605-72800-5-3
113. B. Mema, F. Basholli, D. Xhafaj, **A. Basholli**, D. Hyka, “*Internet of things in the development of future businesses in Albania*”. PROCEEDINGS OF 7th ADVANCED ENGINEERING DAYS (AED), 9 July 2023, Mersin, Türkiye. pp. 139-141. ISBN: 978-605-72800-5-3
112. F. Basholli, D. Hyka, **A. Basholli**, A. Daberdini, B. Mema. *Analysis of cyber-attacks through simulation*. PROCEEDINGS OF 7th ADVANCED ENGINEERING DAYS, 9 July 2023, Mersin, Türkiye. pp. 120-122. ISBN: 978-605-72800-5-3.
111. D. Hyka, A. Hyra, F. Basholli, B. Mema, **A. Basholli**, *Data security in public and private administration: Challenges, trends, and effective protection in the era of digitalization*, PROCEEDINGS OF 7th ADVANCED ENGINEERING DAYS (AED), 9 July 2023, Mersin, Türkiye. pp. 125-127. ISBN: 978-605-72800-5-3.
110. A. Ahmeti, **A. Basholli**, B. Gjini. *Open government data management and transparency in Albania*, PROCEEDINGS OF INTERNATIONAL CONFERENCE (ICRAE2014), May 2014, Shkoder, Albania. ISSN: 2308-0825.
109. **L. Prifti**, **D. Salillari**, N. Firza “*An agglomerative hierarchical clustering method for text in Albanian*” PROCEEDINGS OF 2ND INTERNATIONAL CONFERENCE ON INFORMATION TECHNOLOGIES AND EDUCATIONAL ENGINEERING. December 15-16, 2023, Tirana, Albania. ISBN 978-9928-805-28-7
108. **D. Salillari (Kaçorri)**, **R. Totoni (Lilo)**, **L. Prifti** “*Multinomial Logistic Regression to Estimate the Public Perception of Air Pollution and its Impact on Health: A Case Study in Tirana*”. PROCEEDINGS OF 2nd INTERNATIONAL CONFERENCE ON RECENT ACADEMIC STUDIES, October 19-20, 2023: Konya, Turkey. Vol. 2, pp. 332-337. ISBN: 978-625-6530-66-9.
107. **D. Salillari**, **L. Prifti**, *Cluster analysis and its application in Albanian texts*, PROCEEDINGS OF 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, Tirana, Albania. ISBN 978-9928-370-20-4
106. **A. Gjana**, **L. Prifti**, “*Considerations on the traditional and virtual classroom using ANCOVA*”, PROCEEDINGS OF 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES (ICEAS 2022), Tirana, Albania. pp. 11-15. ISBN 978-9928-370-20-4.
105. **D. Salillari**, **L. Prifti** “*On the statistical quality control tools for engineering processes*” PROCEEDINGS OF 9th INTERNATIONAL TEXTILE CONFERENCE & 3RD INTERNATIONAL CONFERENCE ON ENGINEERING AND ENTREPRENEURSHIP, November, 18-19, 2021. ISBN 978-9928-309-31-0
104. **L. Prifti**, **D. Salillari**, **A. Basholli** “*On the linear mean square estimation*”.

PROCEEDINGS OF INTERNATIONAL CONFERENCE ON NATURAL AND ENGINEERING SCIENCES, 27-30 August 2019. Istanbul, Turkey. E-ISBN: 978-605-69803-7-4

103. **A. Basholli, L. Prifti**, "An Optimization Problem Using the Center of Gravity Method". PROCEEDINGS OF INTERNATIONAL CONFERENCE ON NATURAL AND ENGINEERING SCIENCES, 27-30 August 2019. Istanbul, Turkey. E-ISBN: 978-605-69803-7-4
102. **L. Prifti, D. Salillari**, "Modeling of medical data with regression methods". PROCEEDINGS OF 3rd INTERNATIONAL CONFERENCE IN HUMAN, SOCIAL AND APPLIED SCIENCE, Tirana 2019. ISBN 978-9928-266-09-5
101. **D. Salillari, L. Prifti** "Using R to analyze the Albanian language features". PROCEEDINGS OF 3rd INTERNATIONAL CONFERENCE IN HUMAN, SOCIAL AND APPLIED SCIENCES, Tirana, 2019. ISBN: 978-9928-266-09-5
100. **D. Salillari, L. Prifti** "Some classifier methods in processing medical image". PROCEEDINGS OF 2nd INTERNATIONAL CONFERENCE ON APPLIED SCIENCES AND ECONOMY, 20 April 2018, Tirana. ISBN 978-9928-266-00-2
99. **D. Salillari, L. Prifti** "Some statistical quality control techniques using R" PROCEEDINGS OF 8th INTERNATIONAL TEXTILE CONFERENCE 2018, 18-19 October 2018, Tirana, pp. 193-199.
98. **D. Salillari, L. Prifti**, "Statistical analysis of Albanian texts using R". PROCEEDINGS OF THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania. SPECIAL NUMBER OF THE BULLETIN OF TECHNICAL SCIENCES (UPT), pp. 152-156. ISSN 05 62 B 945.
97. **E. Cenaj, L. Prifti** "Statistical analysis of the effect of air pollution on human health". PROCEEDINGS OF 7th INTERNATIONAL CONFERENCE OF ECOSYSTEM 2017, 02-05 June 2017 Tirana, Albania. ISBN: 978-9928-4248-7-7. DOI:10.13140/RG.2.2.10618.49601
96. **L. Prifti, E. Cenaj, Sh. Shehu**."Statistical analysis of health effects reaction to air pollution". PROCEEDINGS OF 5th INTERNATIONAL CONFERENCE OF ECOSYSTEM, 2015, June 05 - 08, 2015, Tirana, Albania. ISBN: 978-9928-4248-3-9, pp. 497-500.
95. **L. Prifti, D. Salillari, S. Plaku**. "The Brownian motion and an application using Matlab". PROCEEDINGS OF FIRST INTERNACIONAL CONFERENCE ON STATISTICS PROBABILITY AND NUMERICAL ANALYSIS (SPNA 2014). 5-6 December 2014. Tirana, Albania. ISBN 978-9928-4252-4-9
94. **L. Prifti, D. Salillari, Sh. Shehu**. "The use of R for textile engineering data analysis". PROCEEDINGS OF 6th INTERNATIONAL CONFERENCE OF TEXTILE. 20 November 2014, Tirana, Albania. ISBN 978-9928-171-14-6
93. **S. Ristani, L. Prifti**. "Estimation of the confidence interval based on Bootstrap". PROCEEDINGS OF 1st INTERNATIONAL WESTERN BALKANS CONFERENCE

OF MATHEMATICAL SCIENCES, May 30- June 1, 2013. University of Elbasan, Albania. Vol. 1 (2013), No. 1, pp. 382-388. ISBN:978-9928-115270.

92. **R. Totoni (Lilo), L. Prifti**, S. Lilo. "Comparative evaluation of air quality in two Albanian cities". PROCEEDINGS OF MEDICAL GEOGRAPHY SYMPOSIUM, 25-26 October 2012. Sofia, Bulgaria. pp. 54-61. ISSN:1314-5096.
91. **L. Prifti, R. Totoni (Lilo)**, "Study of oil industry pollution effects in a human health case". PROCEEDINGS OF MEDICAL GEOGRAPHY SYMPOSIUM, 25-26 October 2012. Sofia, Bulgaria. pp. 96-99. ISSN:1314-5096.
90. **D. Salillari, L. Prifti, Sh. Shehu**, "Relative Entropy for Markov Chains of Letters in Albanian Texts" PROCEEDINGS OF 13th INTERNATIONAL CONFERENCE ON ECONOMETRICS, OPERATIONS RESEARCH AND STATISTICS(ICEOS-2012). 24-26 May 2012. Famagusta, Northern Cyprus.
89. **L. Prifti**, F. Bidaj. "Statistical analysis of electrical energy consume in residential sector in Albania". PROCEEDINGS OF NATIONAL CONFERENCE "ADVANCED TECHNOLOGIES: OUR PATH TO DEVELOPMENT". 31 October 2011. PUT. Albania. EM-AO30. ISBN: 978-9928-4079-6-2. pp. 31-39.
88. O. Zavalani, M. Braneshi, A. Spahiu, **L. Prifti** "Protentional of Power Electronics in LV Electricity Distribution Systems in Albania", PROCEEDINGS OF 14th INTERNATIONAL POWER ELECTRONICS AND MOTION CONTROL CONFERENCE, EPE-PEMC 2010. PRINT. ISBN: 978-1- 4244 -7856 - 9. pp. T11-59-64, 6-8 September, 2010, Ohrid, North Macedonia.
87. **L. Prifti, E. Beliu, Sh. Shehu** "Statistical Modulation of a human health problem in Albania" PROCEEDINGS OF INTERNATIONAL CONFERENCE APPLIED STATISTICS 2010. Ribno (Bled), Slovenia. ISBN:978-961-92487- 4- 4
86. **L. Prifti, Sh. Shehu** "Interpolation Variance" PROCEEDINGS OF INTERNATIONAL CONFERENCE ON "ALGEBRA AND FUNCTIONAL ANALYSIS", Elbasan, Albania. Vol. 3 (2007), pp. 127-139. ISSN: 2221-5956.
85. **R. Totoni, L. Prifti**, S. Lilo. *Comparative assessment of air quality in two Albanian cities*. PROCEEDINGS OF THE MEDICAL GEOGRAPHY SYMPOSIUM "TRADITIONS AND MODERNITY IN MEDICAL GEOGRAPHY AND DISASTER MEDICINE" 25-26 October 2012, Sofia, BULGARIA. pp. 54-61. ISSN: 1314-5096
84. H. Paci, E. Kajo, E. Trandafilii, I. Tafaj, **D. Salillari**. "Author identification in Albanian language". PROCEEDINGS OF The 14th INTERNATIONAL CONFERENCE ON NETWORK-BASED INFORMATION SYSTEMS. 7-9 September 2011, Tirana, Albania. NBIS 2011:p.425-430. ISBN: 978-0-7695-4458-8
83. **B. Xhaja, K. Haxhi**, E. Kalluçi: "The Cohort component method applied in the Albanian population projection" PROCEEDINGS OF FIRST INTERNATIONAL APPLIED STATISTICS CONGRESS (1.UYİK-2020) " 1- 4 October 2020 Tokat, Turkey. ISBN: 978-975-7328-78-0
82. R. Kapçiu, **B. Preni**, E. Kalluçi, "Revealing Key Genomic Drivers in Acute Leukemia via Advanced WGCNA." PROCEEDINGS OF 11th INTERNATIONAL ZEUGMA

CONGRESS ON SCIENTIFIC RESEARCH (ZEUGMA), March 2024, Gaziantep, Turkiye, page 653 ISBN: 978-625-8254-45-7.

81. **B. Xhaja**, E. Kalluçi, **K. Haxhi**. "Estimating IBNR claims reserve using piecewise extrapolation-interpolation and chain ladder method" PROCEEDINGS OF 1st INTERNATIONAL CONGRESS OF NATURAL SCIENCES (ICNAS-2021), 10 - 12 September 2021, Atatürk University, Erzurum, TURKEY. ISBN 978-625-7086-41-7
80. D. Sauli, **E. Xhafaj**, E. Zeqo, N. Gjikaj, "Enhancing Oil Recovery: Evaluating the Effectiveness of Polymer Injection in the Patos-Marinza Oilfield Using ResInsight Simulations", PROCEEDINGS OF 3rd INTERNATIONAL CONFERENCE ON FRONTIERS IN ACADEMIC RESEARCH on 15-16 June in 2024, Konya, Turkey. pp 406- 415. ISBN: 978-625-6314-16-0
79. R. Kosova, D. Halidini, **E. Xhafaj**, N. Gjikaj, A.M. Kosova, "Utilizing Decision Analysis and Game Theory in Resolving Conflicts in Albania", PROCEEDINGS OF 2nd INTERNATIONAL CONFERENCE ON RECENT ACADEMIC STUDIES, October 19-20, 2023: Konya, Turkey, pp 276- 281. ISBN: 978-625-6530-69-0
78. **E. Xhafaj**, D. Halidini Qendraj, R. Kosova, N. Gjika, "Factor Analysis and Cluster Analysis approaches for Web-based Learning System", PROCEEDINGS OF FIRST INTERNATIONAL CONFERENCE ON NATURAL SCIENCES, MATHEMATICS AND TECHNOLOGY, 26 May 2023, Durres, Albania, pp 209- 213. ISBN: 9789928267726
77. D. Halidini Qendraj, **E. Xhafaj**, R. Kosova, N. Gjika, Fuzzy Z-AHP decision support approach to detect the factors that impact the online learning, PROCEEDINGS OF FIRST INTERNATIONAL CONFERENCE ON NATURAL SCIENCES, MATHEMATICS AND TECHNOLOGY, 26 May 2023, Durres, Albania. pp 310. ISBN: 9789928267726
76. R. Kosova, D. Qendraj, **E. Xhafaj**, I. Prifti, "MCDA application to evaluate urban resilience: Building frameworks and criteria on available data", PROCEEDINGS OF FIRST INTERNATIONAL CONFERENCE ON NATURAL SCIENCES, MATHEMATICS AND TECHNOLOGY, 26 May 2023, Durres, Albania. pp 307. ISBN: 9789928267726
75. D. Sauli, **E. Xhafaj**, Analysis of the integration of polymer injection for oil production in the Patos Marinez field. An approach with regression analysis, PROCEEDINGS OF FIRST INTERNATIONAL CONFERENCE ON NATURAL SCIENCES, MATHEMATICS AND TECHNOLOGY, 26 May 2023, Durrës, Albania. pp. 30-38. ISBN: 9789928267726
74. **E. Xhafaj**, D. Halidini, "Integration of TAM model in Students Acceptance of Google Classroom context Using Partial Least Squares-Structural Equation Model", PROCEEDINGS OF 4th INTERNATIONAL CONFERENCE ON MATHEMATICS "AN ISTANBUL MEETING FOR WORLD MATHEMATICIANS" 27-30 October 2020, Istanbul Turkey. pp 319-324. ISBN: 978-605-67964-6-3
73. **E. Xhafaj**, D. Halidini, "Using Factor Analysis and Cluster Analysis as tools for studying the service Quality, PROCEEDINGS OF 4th INTERNATIONAL CONFERENCE ON MATHEMATICS "AN ISTANBUL MEETING FOR WORLD MATHEMATICIANS" 27-30 October 2020, Istanbul Turkey. pp 585-590. ISBN: 978-605-67964-6-3

72. D. Halidini, **E. Xhafaj**, “*The evaluation of online teaching performance in high education using Google Classroom platform: A Fuzzy AHP method*”, PROCEEDINGS OF 4th INTERNATIONAL CONFERENCE ON MATHEMATICS “AN ISTANBUL MEETING FOR WORLD MATHEMATICIANS” 27-30 October 2020, Istanbul Turkey. pp 530-540. ISBN: 978-605-67964-6-3
71. **E. Xhafaj**, R. Kosova, “*The use of partial least squares structural equation modelling approach for analysis of the dimensions of poverty, a case study of Albania*”. PROCEEDINGS OF INTERNATIONAL CONFERENCE ON MATHEMATICS: “AN ISTANBUL MEETING FOR WORLD MATHEMATICIANS”, 3-5 July 2019, Istanbul, Turkey, ICOM 2019, pp. 55-60. ISBN: 978-605-67964-3-2
70. R. Kosova, **E. Xhafaj**, D. Halidini, “*Performance evaluation of university academic staff in teaching, research, service using MCDA method and AHP*”, PROCEEDINGS OF INTERNATIONAL CONFERENCE ON MATHEMATICS: “AN ISTANBUL MEETING FOR WORLD MATHEMATICIANS”, 3-5 July 2019, Istanbul, Turkey. pp 373-382. ISBN: 978-605-67964-3-2
69. A. Beqiraj, **E. Raço**, S. Cenameri, A. Jahja. *Use of multivariate statistical analysis for the identification of the hydrochemical processes in the Tirana – Fushe Kuge alluvial aquifer, north-western Albania*, PROCEEDINGS OF XXII INTERNATIONAL CONGRESS OF THE CBGA, 7–11 September 2022, Plovdiv, Bulgaria, pp: 215. ISBN: 978-619-91305-4-4, e-ISBN: 978-619-91305-5-1.
68. **E. Raço**. *SPSS to R: Shiny Dashboard Approach to Converting Tool*, PROCEEDINGS OF INTERNATIONAL EUROPEAN CONFERENCE ON INTERDISCIPLINARY SCIENTIFIC RESEARCHES, 28-29 January 2022, Valencia, Spain, pp. 500-504, ISBN: 978-625-7464-71-0.
67. **E. Raço**. *Social Housing in Albania: Using Shiny to Enhance Visualization and Interpretation of Study Key Findings*, PROCEEDINGS OF THE INTERNATIONAL SYMPOSIUM ON APPLIED MATHEMATICS AND ENGINEERING (ISAME 2022), Istanbul, Turkey, 21-23 January 2022, Special issue of New Trends in Mathematical Sciences, ISAME2022-Proceedings, Year: 2022, Volume: 10, Issue: 1 (MAR ISAME2022-Proceedings), pp: 038-041, ISSN Online: 2147-5520.
66. **E. Raço**. *General Overview and Characteristics of Domestic Violence on Children in Albania*, PROCEEDINGS OF INTERNATIONAL LIBERTY INTERDISCIPLINARY STUDIES CONFERENCE, 16-17 January 2022, Manhattan, New York, pp: 212-217, ISBN: 978-1-955094-19-1.
65. **O. Zaçaj, K. Haxhi, E. Raço, E. Llagami**. *Development of Insurance Market in Albania*, PROCEEDINGS OF 6TH IKSAD INTERNATIONAL CONGRESS ON SOCIAL SCIENCES, Hungary, 26-28 March 2021, pp: 495-498, ISBN: 978-625-7636-29-2021.
64. **K. Haxhi, E. Raço, E. Llagami, O. Zaçaj**. *Estimating Claims Reserve Splitting IBNER and IBNYR in the Chain Ladder Method*, PROCEEDINGS OF 1ST INTERNATIONAL APPLIED STATISTICS CONFERENCE, 1-4 October 2020, Tokat, Turkey, pp: 154-158, ISBN 978-975-7328-78-0.

63. **E. Llagami, E. Raço, K. Haxhi, O. Zaçaj.** *Drug Eluting Stents versus Bare Metal Stents in Patients with ST-Elevated Myocardial Infarction*, PROCEEDINGS OF 1ST INTERNATIONAL APPLIED STATISTICS CONFERENCE, 1-4 October 2020, Tokat, Turkey, pp: 219-224, ISBN 978-975-7328-78-0.
62. **E. Raço, A. Kondi.** *Albanian Institute of Statistics Approach to R Language*, PROCEEDINGS OF INTERNATIONAL CONFERENCE ON APPLIED STATISTICS AND ECONOMETRICS (ICASE 2017), Epoka University and INSTAT, Albania, 2017. ISBN:978-9928-135-20-9, pp:17.
61. **T. Myftiu, A. Naço, E. Raço.** *eHealthcare as Part of e-Government in Albania*, PROCEEDINGS OF INFORMATION SYSTEMS AND TECHNOLOGY INNOVATIONS: FOSTERING THE AS-A-SERVICE ECONOMY, Faculty of Economics, Tirana University, Albania, 2017. ISBN: 978-9928-148-67-4
60. **Sh. Kuka, A. Naço, T. Myftiu, E. Raço.** *GIS with BI Component in Decision Making*, PROCEEDINGS OF INFORMATION SYSTEMS AND TECHNOLOGY INNOVATIONS: DESIGNING TRENDS TOWARDS A NEW ECONOMY, Faculty of Economics, Tirana University, Albania, 2014. ISBN: 978-9928-02-471-7.
59. **E. Raço, Sh. Leka.** *Parameter Estimation in Public Transportation Models Using R Language*, PROCEEDINGS OF INTERNATIONAL ECONOMY & BUSINESS DOCTORAL STUDENTS CONFERENCE, Faculty of Economics, Tirana University, Albania, 2012.
58. **E. Raço.** *Validation of the Model Used in Parameter Estimation of a Public Transportation Data Using Simulations*, PROCEEDINGS OF XIV INTERNATIONAL SCIENTIFIC CONFERENCE OF HIGH TECHNOLOGIES, Saint Petersburg, Russia, 2012.
57. **E. Raço.** *GIS Approach in Public Transport Modelling*, PROCEEDINGS OF ADVANCED STUDIES IN ENGINEERING, MATHEMATICS, PHYSICS, CHEMISTRY, FIMIF, PUT, Albania, 2011. ISBN: 978-9928-124-28-9.
56. **E. Raço.** *2D Cutting Problem, Problem Solution with Software Approach*, PROCEEDINGS OF The ROLE OF IT IN THE ALBANIAN SOCIETY DEVELOPMENT, Faculty of Economics, Tirana University, Albania, 2010. pp. 367. ISBN 978-99956-40-43-9.
55. **E. Raço.** *Distribution Problem, a Software Approach*, PROCEEDINGS OF THE ROLE OF IT IN THE ALBANIAN SOCIETY DEVELOPMENT, Faculty of Economics, Tirana University, Albania, 2010. pp. 343. ISBN 978-99956-40-43-9.
54. **A. Daci, E. Halimi, F. Hyseni;** “*Modelling and Analysis of the Dynamics of Viral Infections Using Differential Equations*”, PROCEEDINGS OF UKZ ANNUAL CONFERENCE 2024, "TRENDS AND CHALLENGES IN THE DEVELOPMENT OF CONTEMPORARY SOCIETY", June 13-14, 2024 Gjilan, Kosovo, pp. 140-141, ISBN 978-9951-840-03-3
53. **A. Daci, S. Tola, N. Çepa;** “*Application of Sturm Liouville Problem in the Wave Equation*”, PROCEEDINGS OF INTERNATIONAL SCIENTIFIC CONFERENCE,

MATHEMATICAL MODELING, BOROVS, BULGARIA, YEAR VII ISSUE 1(7)/2023, pp. 16-19, ISSN (Print) 2535-0978 ISSN (Online) 2603-3003,

52. **A. Daci**, J. Bundo; “*Mathematical model for calculating the equilibrium point of the refrigerant circuit*”, PROCEEDINGS OF 1st INTERNATIONAL CONFERENCE ON ADVANCED MECHANICAL AND INDUSTRIAL ENGINEERING (ICAMIE) 2020, July 8, 2020, Cilegon, Banten, Indonesia, IOP CONFERENCE SERIES: MATERIALS SCIENCE AND ENGINEERING, Volume 909, ISSN:1757-899X
51. **A. Daci**, **S. Tola**; “*Application of Laplace Transform in Finance*”, PROCEEDINGS OF II INTERNATIONAL SCIENTIFIC CONFERENCE, 12 - 15 DECEMBER, 2018, BOROVS, BULGARIA, Special Issue, “SCIENTIFIC TECHNICAL UNION OF MECHANICAL ENGINEERING “INDUSTRY-4.0”, MATHEMATICAL MODELING, Industry 4.0, YEAR II ISSUE (4)/2018, ISSN (Print) 2535-0978 ISSN (Online) 2603-3003;
50. **A. Daci**, **S. Tola**; “*Discrete Dynamical Systems, Exponential Growth*”, PROCEEDINGS OF 1st INTERNATIONAL CONFERENCE “RESEARCH APPLICATION AND EDUCATIONAL METHODS”, May 24, 2019 — Korçë, Albania, pp. 45-50. ISSN 2078 – 7111.
49. **A. Daci**, **S. Tola**; “*Logistic equation for the study of covid - 19 in Albania*”, PROCEEDINGS OF VI INTERNATIONAL SCIENTIFIC CONFERENCE SUMMER SESSION, INDUSTRY 4.0, 23-26 June 2021, Varna, Bulgaria, Special Issue, MATHEMATICAL MODELING, Industry 4.0, YEAR V (2021), Issue 2, ISSN (Print) - 2535-0153, ISSN (Online) - 2535-0161.
48. **A. Daci**, **S. Tola**; “*Application of Dijkstra algorithm to a tramway system of the ongoing expansion city of Tirana*”, PROCEEDINGS OF VI INTERNATIONAL SCIENTIFIC CONFERENCE SUMMER SESSION, INDUSTRY 4.0, 23-26 June 2021, Varna, Bulgaria, Special Issue, INTERNATIONAL SCIENTIFIC JOURNAL TRANS MOTAUTO WORLD, Vol. 6 (2021), Issue 4, ISSN (Print) - 2535-0153, ISSN (Online) - 2535-0161
47. K. Dhoska, M. Alcani, A. Dorri, **A. Daci**, A. Gjeta, V. Vabson, T. Kübarsepp; “*Systematic Influences in a Mass Comparator*”, PROCEEDINGS OF 9th RESEARCH/EXPERT CONFERENCE WITH INTERNATIONAL PARTICIPATIONS “QUALITY 2015“, Neum, B&H, ISSN: 1512-9268
46. **A. Daci**, A. Spaho; “*Bifurcation In a Dynamical System, Harvest Models*”, PROCEEDINGS OF The 1st INTERNATIONAL CONFERENCE ON RESEARCH AND EDUCATION – CHALLENGES TOWARD THE FUTURE (ICRAE2013), 24-25 May 2013, Shkodra, Albania, ISSN: 2308 - 0825
45. **A. Daci**, A. Spaho; “*Nonlinear Dynamical Systems: Population Models*”, PROCEEDINGS OF ECONOMIC AND SOCIAL CHALLENGES 2012, 8 December 2012, Faculty of Economy, University of Tirana, Albania, pp. 125-135, ISBN: 978-9928-4237-1-9
44. **A. Daci**, A. Spaho; “*Dynamical Systems applications to Demography*”, PROCEEDINGS OF INFORMATION SYSTEMS AND TECHNOLOGY

INNOVATION: THEIR APPLICATION IN ECONOMY, June 8 – 9, 2012, pp. 63, ISBN: 978-9995-6377-8-1

43. **A. Peposhi, E. Maraj, F. Lekli**, “*Ideals and Quasi-Ideals in Γ –Ternary Semigroup*”, PROCEEDINGS OF The 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES (ICEAS2022), 17-18 November 2022, Tirana, Albania. ISBN: 978-928-370-20-4.
42. **E. Maraj, T. Myftiu, F. Lekli**, *Evaluation of the performance of a computing system using fuzzy logic*, PROCEEDINGS OF The 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES (ICEAS2022), 17-18 November 2022, Tirana, Albania. ISBN: 978-928-370-20-4.
41. **F. Lekli**, *Commutative Ideal Theory and Dedekind Domains*, PROCEEDINGS OF INTERNATIONAL CONGRESS ON FUNDAMENTAL AND APPLIED SCIENCES, 18-20 June 2019, University of New York Tirana, Albania, ISBN: 978-605-67052-4-3.
40. **S. Tola**, ‘*Evaluation of Robustness in ASR for different ‘Front-End’ methods*’ PROCEEDINGS OF 2nd INTERNATIONAL SCIENTIFIC CONFERENCE, 12-15 December 2018, Borovets, Bulgaria, Mathematical modeling, industry 4.0 ; ISSN(online):2603-3003.
39. **S. Tola**, *Evaluation of feature extraction methods proposed for speech recognition systems using warped frequency*. PROCEEDINGS OF 10th INTERNATIONAL CONFERENCE OF ECOSYSTEMS, June 25-26, 2020, Tirane, Albania, ICE-2020 pp. 92-94. ISBN 978-9928-4443-5-6.
38. **S. Tola**, ‘*Comparing the Effectiveness/Robustness of Gammatone and LP Method with direct use of FFT*’ PROCEEDINGS OF 6th INTERNATIONAL SCIENTIFIC CONFERENCE, Industry 4.0, 23-26 June 2021, Varna, Bulgaria, ISSN (online) : 2535-0161
37. **S. Tola**, *An approach of Feature Techniques using Warped frequencies*, PROCEEDINGS OF 6th INTERNATIONAL SCIENTIFIC CONFERENCE, Industry 4.0, 23-26 June 2021, Varna, Bulgaria, ISSN (online) : 2535-0161
36. **S. Tola**, *Evaluating the WER for different Extraction Methods*, PROCEEDINGS OF 6th INTERNATIONAL SCIENTIFIC CONFERENCE, Industry 4.0, 23-26 June 2021, Varna, Bulgaria, ISSN (online) : 2535-0161
35. **E. Maraj**, *Evaluation of Student Performance in Mathematical using Fuzzy Logic*, PROCEEDINGS OF The 9th INTERNATIONAL CONFERENCE ON SCIENTIFIC CHALLENGES FOR SUSTAINABLE DEVELOPMENT (SCfSD’22), 03 June 2022, Struga, North Macedonia. ISBN 978-608-4573-27-2.
34. **E. Maraj, A. Peposhi, A. Brakaj**, *Prevention of COVID-19 in Albania using Fuzzy Logic*, PROCEEDINGS OF THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES (ICEAS 2022), 17-18 November, Tirana, Albania, ISBN: 978-928-370-20-4.

33. **T. Myftiu, Elda Maraj, A. Peposhi**, “*The use of Business Intelligence Systems in Healthcare in Albania*”, PROCEEDINGS OF THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES (ICEAS 2022), 17-18 November, Tirana, Albania, p. 228-236. ISBN: 978-928-370-20-4.
32. **E. Maraj**, “*Application of Fuzzy Logic in Depth Control of Sevoflurane Anesthesia: Case Study in Albania*”, PROCEEDINGS OF THIRTY-SECOND INTERNATIONAL CONFERENCE ON: “SOCIAL AND NATURAL SCIENCES-GLOBAL CHALLENGE 2024” (ICSNS XXXII-2024), 28 February 2024, Berlin, Germany. ISBN: 978-9928-178-35-3.
31. **R. Dervishi, Zh. Muka**, “*Multiple Regression Analysis on Road Accidents: A study case of Albania between 2016 to 2023 in the wake to fatalities and gender*“, PROCEEDINGS OF 5th INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED NATURAL SCIENCES, August 25-26, 2024, Konya, Turkey, pp. 298-306. ISBN: 978-625-6314-29-0.
30. **R. Dervishi**, “*Categorical Data Analysis of Road Accidents in Albania during the period 2019-2023*“. PROCEEDINGS OF 5th INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED NATURAL SCIENCES, August 25-26, 2024, Konya, Turkey, pp. 148-154. ISBN: 978-625-6314-29-0.
29. **Zh. Muka, R. Dervishi**, E. Aliaj, “*Impact of Microcredit on the Albanian Economy*“. PROCEEDINGS OF 4th INTERNATIONAL CONFERENCE ON SCIENTIFIC AND ACADEMIC RESEARCH, July 19-20, 2024, Konya, Turkey, pp. 1373-1379. ISBN: 978-625-6314-24-5.
28. **S. Kovaçi**, S. Gega, “*Creation of a logic diagram for optimization of the portfolio of KESH operating Drini River Cascade*”, PROCEEDINGS OF 5th INTERNATIONAL CONFERENCE ON ADVANCED ENGINEERING TECHNOLOGIES, ICADET 2024, 25-27 September 2024, Bayburt University, Turkey; Issue No. 46, pp. 1160-1169. ISBN: 978-605-9945-45-5.
27. **S. Kovaçi**, M. Kovaçi, *Remarks on linear modelling for assessment of electricity consumption in Albania*, PROCEEDINGS OF 5th INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED NATURAL SCIENCES (ICEANS 2024), August 25-26, 2024, Konya, Turkey, SPECIAL ISSUE OF INTERNATIONAL JOURNAL OF ADVANCED NATURAL SCIENCES AND ENGINEERING RESEARCHES, Vol. 8 (2024), No. 7, 258-267. ISSN: 2980-0811.
26. **S. Kovaçi**, S. Gega, “*Optimization of electricity production in Drini River Cascade*”, PROCEEDINGS OF The 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES (ICEAS2022), 17-18 November 2022, Tirana, Albania. pp. 219-227. ISBN 978-9928-370-20-4
25. **S. Kovaçi**, M. Kovaçi, “*Introduction to Energy Problem in Albania and a New Insight on Energy Concepts*”, PROCEEDINGS OF The 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES (ICEAS2022), 17-18 November 2022, Tirana, Albania; pp. 200-218. ISBN 978-9928-370-20-4.

24. **S. Kovaçi**, D. Asani, D. Prenga. "Some Specifics on the Estimation of Shadow Economy in Albania and other similar socio - economical environments". PROCEEDINGS OF 8th INTERNATIONAL CONFERENCE "INFORMATION SYSTEMS AND TECHNOLOGY INNOVATIONS: FOSTERING THE AS-A-SERVICE ECONOMY (ISTI2017)", June 23 -24, 2017, Tirana, ALBANIA. Published in INTERNATIONAL JOURNAL OF "SCIENCE, INNOVATION AND NEW TECHNOLOGY", ISSN 2223-2257;
23. L. Arapi, **S. Kovaçi**, P. Nikolli, *Evaluation of Shoreline Dynamics Using Spacial Temporal Data*". PROCEEDINGS OF 3rd INTERNATIONAL BALKANS CONFERENCE ON CHALLENGES OF CIVIL ENGINEERING. Tirana, 2016; pp. 540-549;
22. L. Arapi, P. Nikolli, **S. Kovaçi**, "Spatial data integration for analyzing the dynamics of Albanian Adriatic shoreline". PROCEEDINGS OF EUROPEAN GEOSCIENCES UNION GENERAL ASSEMBLY MEETING, Vienna 2016; Geophysical Research Abstracts Vol. 18, EGU2016-8477-2, 2016 EGU General Assembly 2016
21. **S. Kovaçi**, "The Use of Parametric Distributions and Empirical Mode Decomposition to analyze the exchange rate ALL/EURO". PROCEEDINGS OF 7th INTERNATIONAL CONFERENCE "INFORMATION SYSTEMS AND TECHNOLOGY INNOVATIONS: THE NEW PARADIGM FOR A SMARTER ECONOMY", Tirana, June 17 - 18, 2016; ISBN: 978-9928-148-56-8
20. E. Vuka, D. Prenga, **S. Kovaçi**, "Study of Side Inflows in Fierza Basin Using Q-Distribution and Log-Periodic Approach; PROCEEDINGS OF INTERNATIONAL CONFERENCE, STRUGE 2014, North Macedonia. The Heritage 1, ISSN 1857-7482, pp. 297-305.
19. D. Prenga, **S. Kovaçi**, T. Kota, A. Qoshja, "The analyze of bubble like behavior for exchange rate of national currencies in some countries of Balkans using q-Tsallis test for the log periodicity", PROCEEDINGS of 2ND INTERNATIONAL CONFERENCE "RESEARCH AND EDUCATION IN NATURAL SCIENCES", November 15-16, 2013; ISBN: 978-9928-4135-5-0;
18. D. Prenga, **S. Kovaçi**, T. Kota, E. Spahia, M. Marku, "Non extensive entropy approach on the study of dynamics of exchange rates for some currencies in Albania", 2013. PROCEEDINGS OF "INFORMATION SYSTEMS AND TECHNOLOGY INNOVATIONS: TOWARDS A DIGITAL ECONOMY"; INTERNATIONAL JOURNAL OF SCIENCE, INNOVATION & NEW TECHNOLOGY, 2013, v. 1, n. 8, p. 25, ISSN 2 223-2257
17. **L. Prifti**, **S. Kovaçi**, "Interpolation of Experimental Data Using the Voronoi Diagram" PROCEEDINGS OF THE CONFERENCE "ADVANCED TOPICS IN ENGINEERING MATHEMATICS," Tirana, 2004; Publishing House & Printing Press PEGI. pp. 62-72.
16. **S. Kovaçi**, **L. Prifti**, *Geostatistical Methods in Environmental Sciences and GIS Applications*, PROCEEDINGS OF THE CONFERENCE "ADVANCED TOPICS IN

ENGINEERING MATHEMATICS," Tirana, 2004; Publishing House & Printing Press PEGI. pp. 73-85.

15. **Zh. Meço**, E. Kastrati, A. Mehilli, "Statistical and Psychometric Analysis of a Test" PROCEEDINGS OF 4th INTERNATIONAL CONFERENCE ON SCIENTIFIC AND ACADEMIC RESEARCH, July 19-20, 2024, Konya, Turkey, pp. 1360-1372. ISBN: 978-625-6314-24-5.
14. **T. Myftiu (Budlla)**: "Relational Algebra's Role In Business Intelligence In Albania" PROCEEDINGS OF 2nd INTERNATIONAL PARIS CONGRESS ON APPLIED SCIENCES, (p. 341-346), August 25-27, 2023, Paris, ISBN: 978-625-367-267-6.
13. **T. Myftiu**: "Relational algebra and data science", PROCEEDINGS OF 7th INTERNATIONAL EUROPEAN CONFERENCE ON INTERDISCIPLINARY SCIENTIFIC RESEARCH, (p. 593-598), Frankfurt, Germany, 28-30 March 2023, ISBN: 978-625-367-033-7
12. E. Gjika (Dhamo), Ll. Puka, **O. Zaçaj**. "Forecasting consumer price index (CPI) using time series models and multiregresion models (Albania case study)", PROCEEDINGS OF 10th INTERNATIONAL SCIENTIFIC CONFERENCE "BUSINESS AND MANAGEMENT 2018" May 3-4, 2018, Vilnius, Lithuania. ISSN 2029-4441 / eISSN 2029-929X ISBN 978-609-476-119-5 eISBN 978-609-476-118-8 doi: 10.3846/bm.2018.51
11. E. Gjika (Dhamo), **O. Zaçaj**. "Claim Provisions: Introducing a Methodology for the Albanian Insurers", PROCEEDINGS OF THE 3rd VIRTUAL MULTIDISCIPLINARY CONFERENCE EDIS-Publishing Institution of the University of Zilina, Zilina, Slovakia ISSN: 2453-7144, CD ROM ISSN: 1339-5572 ISBN: 978-80-554-1170-5
10. **O. Zaçaj**, E. Dhamo. "Endowment Assurance-Principes, and Technical Assumptions and Notes from an actuary point of view", PROCEEDINGS OF 1st INTERNATIONAL WESTERN BALKAN CONFERENCE OF MATHEMATICAL SCIENCES (IWBCMS), 30 May-1 June 2013, Elbasan, Albania. ISBN: 978-9928-115-27-0)
9. **O. Zaçaj**, E. Gjika (Dhamo). "Statistical methods in modelling losses deriving from insurance contracts, Application to Albanian motor insurance data", PROCEEDINGS OF INFORMATION SYSTEMS AND TECHNOLOGY INNOVATION: THEIR APPLICATION IN ECONOMY CONFERENCE (ISTI 2012), June 8-9 , 2012, Tirana, ALBANIA (ISBN: 978-9995-6377-8-1, page.60)
8. **A. Naço, T. Budlla (Myftiu)**, Power of Relational Algebra in SQL Server, PROCEEDINGS OF 1ST INTERNATIONAL CANADIAN SCIENTIFIC CONGRESS, Toronto, Canada, May 2024. ISBN: 978-625-367-712-1
7. R. Teneqexhi, L. Kuneshka, **A. Naço**, Organizing of International "Kangaroo" Competition in Albania with Personalized Answer Sheets and Assesment by Scanner, PROCEEDINGS OF INTERNATIONAL CONFERENCE ON E-LEARNING (Madrid, Spain, July 17-19, 2018). ISBN: 978-989-8533-78-4
6. **A. Peposhi**, Enlargements of Γ -regular semigroups, PROCEEDINGS OF THIRTY-FOURTH INTERNATIONAL CONFERENCE ON: "SOCIAL AND NATURAL

SCIENCES – GLOBAL CHALLENGE 2024", 19 April, 2024, Brussels, Belgium. Pp. 48-56, ISBN: 978-9928-259-83-5

5. **A. Peposhi**, *Green's Relations In Γ -Ternary Semigroups*, PROCEEDINGS OF 9th INTERNATIONAL CONFERENCE ON INNOVATIVE STUDIES OF CONTEMPORARY SCIENCES, October 10-11, 2024 / Tokyo, Japan, pp. 74-80, ISBN: 978-625-367-884-5.
4. **A. Peposhi**, *Ideals and Regularity in Ternary Semigroups*, PROCEEDINGS OF XV. INTERNATIONAL CONFERENCE ON PURE MATHEMATICS AND PHYSICAL REALITY, JANUARY 07-08, 2021, TOKYO, JAPAN, pp. 110-117,
3. **A. Peposhi**, "On the Bi-Ideals in Ternary Semigroups", PROCEEDINGS OF INTERNATIONAL CONFERENCE ON MATHEMATICS, PHYSICS AND DYNAMICS (ICMPD), Kapurthala, India on 04th January, 2021, pp. 2-5, ISBN: 978-93-90150-25-0
2. **A. Peposhi**, "On Quasi-Ideals in Ternary Semigroups", PROCEEDINGS OF INTERNATIONAL CONFERENCE ON APPLIED PHYSICS AND MATHEMATICS (ICAPM), Kuala Lumpur, Malaysia on 01st -02nd January 2021, pp. 83-86, ISBN: 1742-6596
1. **A. Naço, A. Peposhi, T. Budlla (Myftiu)**, *Algebra and Artificial Intelligence in Medicine*, PROCEEDINGS OF THE 2nd INTERNATIONAL CANADIAN SCIENTIFIC RESEARCH CONGRESS, October 24-25, 2024, Toronto, Canada. pp. 636-643. ISBN: 978-625-367-918-7.

MONOGRAFI/MONOGRAPHY

- E. Shehu, **E. Raço**. *Valuation of Residential Properties (Apartments)*, Polytechnic University of Tirane, Tirana, 2022. 135 pages, with illustrations. Bibliography: pp. 126-135. ISBN: 978-9928-4735-1-6
- **L. Prifti**, *Time Series*, Botime Streha, 2015, ISBN:978-9928-4289—2-9

BORDE EDITORIAL PERIODIKËSH SHKENCORE/ EDITORIAL BOARD PEER-REVIEW JOURNALS

1. K. Hila

Member of Editorial Board of the JOURNAL OF TRANSACTIONS IN SYSTEMS ENGINEERING (JTSE). ISSN : 2806-2973. (January 2024-present)

Member of Editorial Board (**Review Editor**) of the FRONTIERS IN ARTIFICIAL INTELLIGENCE, ISSN: 2624-8212 (2023-present)

Member of Editorial Board of the JOURNAL OF ADVANCED STUDIES IN TOPOLOGY, ISSN: 2090-8288 (2012-present)

Member of Editorial Board of the ANNALS OF APPLIED SCIENCES, ISSN: 2488-958X (2021-present)

Editorial Manager of “KERKIME UNIVERSITARE”: PERIODIKU “MATEMATIKA DHE SHKENCAT E NATYRES”. (“UNIVERSITY’S RESEARCHES”: JOURNAL “MATHEMATICS AND NATURAL SCIENCES”), ISSN: 2226-082X. (2004-2015)

Member of Editorial Board of the ALBANIAN JOURNAL OF MATHEMATICS, USA, ISSN: 1930-1235. (2013-2014)

Member of Editorial Board of the JOURNAL OF MATHEMATICS AND STATISTICS, published monthly by Asia Publishers Ltd. (2012-present)

Member of Editorial Board of the INTERNATIONAL JOURNAL OF ALGEBRA AND STATISTICS, published by Modern Scientific Publishers. ISSN / EISSN : 2314-4548 / 2314-4556 (2012-present)

2. A. Naço

Member of Editorial Board of the MATHEMATICA BALKANICA JOURNAL, MASSEE

3. A. Kashuri

Chief Editor of the JOURNAL OF APPLIED MATHEMATICS AND COMPUTING WITH APPLICATIONS.

Member of Editorial Board of the JOURNAL OF MATHEMATICAL ANALYSIS

Member of Editorial Board of the THE ROMAN SCIENCE PUBLICATIONS AND DISTRIBUTIONS

Member of Editorial Board of the BRITAIN INTERNATIONAL OF EXACT SCIENCES JOURNAL

Member of Editorial Board of the FRONTIERS IN PHYSICS: STATISTICAL AND COMPUTATIONAL PHYSICS

Editor (Special Issues) for "*Fractional Integral Inequalities and Applications*," "*Fractional Integral Inequalities and Applications, 2nd Edition*," and "*Fractional Integral Inequalities and Applications, 3rd Edition*" for the scientific journal *Fractal and Fractional*.

Editor (Special Issue) for "*Symmetry Applied in Fractional Dynamics, Fractional Calculus, and Inequalities*" for the scientific journal *Symmetry*.

4. E. Xhafaj

Member of Editorial Board Review for INTERNATIONAL JOURNAL OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING.

5. A. Daci

Member of Editorial Board of the RESEARCH JOURNAL OF MATHEMATICS AND COMPUTER SCIENCE

Member of Editorial Board of the SCIENTIFIC RESEARCH AND REVIEWS

Member of Editorial Board of the GLOBAL JOURNAL OF LIBRARY AND INFORMATION SCIENCE

Member of Editorial Board of the AMERICAN JOURNAL OF BASIC AND APPLIED SCIENCES

Member of Editorial Board of the BOHR INTERNATIONAL JOURNAL OF CURRENT RESEARCH IN DIABETES AND PREVENTIVE MEDICINE

6. E. Raço

Member of Editorial Board of the PRIZREN SOCIAL SCIENCE JOURNAL, ISSN: 2616-387X

7. L. Hanelli

Member of Editorial Board of the BULLETIN OF TECHNICAL SCIENCES, PUT.

8. S. Tola

Member of Editorial Board of the AMERICAN JOURNAL OF DESIGN

ANALIZA SHKENCORE / REVIEWING-REFERRING

1. A. Fundo

Reviewer (editorial board) of the papers published in the PROCEEDINGS OF INTERNATIONAL CONFERENCE ON APPLIED SCIENCES AND ENGINEERING 2017 (ICEAS-2017), 16-17 November 2017, organized by FMEPE, PUT, 2017, Tirana, Albania.

Reviewer (editorial board) of the papers published in the PROCEEDINGS OF THE 6th, 7th, 8th, 9th, 10th, 11th, 12th INFORMATION AND COMMUNICATIONS TECHNOLOGY OF 6TH SOUTH EAST EUROPEAN DOCTORAL STUDENT CONFERENCE”, 2011, Thessaloniki, Greece.

2. K. Hila

Reviewer of Mathematical Review (MR), USA ISSN: 2167-5163

Referee on applications for Kuwait Prize (the field of Islamic Scientific Heritage Sciences “Basic-Applied-Mathematics”) awarding from KUWAIT FOUNDATION FOR THE ADVANCEMENT OF SCIENCE (KFAS), KUWAIT, April 2017

External Reviewer of PhD Thesis for SCHOOL OF MATHEMATICAL SCIENCES, UNIVERSITY OF SCIENCE & TECHNOLOGY OF CHINA, Hefei, China, May 2016 (PhD student: FAISAL YOUSAFZAI)

External Examiner to evaluate the Ph.D. Thesis of the scholar, Mr./Ms.Ramesh A, “Uncertain multiplicative linguistic soft sets, belief interval-valued soft set in fuzzy expert system and their applications”, Anna University, Chennai, India. September 2019

External Reviewer, Member of Technical Review Panel for appointment on tenure track scheme of Dr. Shafaq Naz to Associate Professor, University of Gujrat, Pakistan, June 2022

Reviewer (referring) of peer-review journals:

Journal of Intelligent and Fuzzy Systems.
Acta Mathematica Sinica, English Series
Applied Mathematics & Information
Sciences
ScienceAsia
Carpathian Journal of Mathematics
BULLETIN of the Malaysian
Mathematical Sciences Society
SDU Journal of Science
SCIENCE CHINA Mathematics
Journal Advance Research Pure Math.

Utilitas Mathematica
Annals of Fuzzy Mathematics and
Informatics
Neural Computing and Applications
Iranian Journal of Science And
Technology Transaction A
Computers & Mathematics with
Applications
Journal of Applied Mathematics and
Informatics
World Applied Sciences Journal (WASJ)

Përmbledhje e Veprimtarisë Kërkimore-Shkencore

©2025 Fakulteti i Inxhinierisë Matematike & Inxhinierisë Fizike-Universiteti Politeknik i Tiranës

J. Advanced Research in Dynamical & Control Systems (JARDCS)
 Thai Journal of Mathematics
 Journal of Algebra and Statistics(JAS)
 Indian J. Mathematics (IJM)/Bulletin of The Allahabad Math. Society (BAMS).
 Discussiones Mathematicae, General Algebra and Applications
 Journal of Mathematics
 Italian J. of Pure & Applied Mathematics
 Journal of Discrete Mathematics
 Afrika Matematika
 Journal of Mathematics and Applications
 Information Sciences Letters
 Journal of "Algebraic structures and their applications" (ASTA)
 Proceedings of the Indian National Science Academy
 Bulletin of the International Mathematical Virtual Institute
 Bulletin of the Korean Mathematical Society
 Journal of Egyptian Mathematical Society
 Scientific World Journal
 Applied Mathematics & Information Sciences Letters
 Journal of the Chungcheong Mathematical Society
 New Trends in Mathematical Sciences
 Konuralp Journal of Mathematics
 Science International Journal
 Discrete Mathematics, Algorithms and Applications
 Journal of Algebraic Systems
 Iranian Journal of Mathematical Sciences and Informatics
 Songklanakarin Journal of Science and Technology
 Analele Universității din Oradea - Fascicola Matematică
 International Journal of Graphs and Combinatorics
 Hacettepe Journal of Mathematics and Statistics
 Bulletin of Computational Applied Mathematics (Bull CompAMa)
 Asian-European Journal of Mathematics (AEJM)
 Ratio Mathematica
 J. of Advanced Mathematical Studies
 Analele Științifice Ale Universității "Al.I.Cuza" Din Iași
 Cogent Mathematics
 Journal of the Indonesian Mathematical Society
 Sigma Journal of Engineering and Natural Sciences
 Iranian Journal of Fuzzy Systems
 Honam Mathematical Journal
 Journal of Mathematics and Computer Science (JMCS)
 Boletim da Sociedade Paranaense de Matemática
 Journal of New Theory
 Applications and Applied Mathematics
 Algebraic Structures and Their Applications
 Journal of Integrative Neuroscience
 Demonstratio Mathematica
 International Journal of Biomathematics
 Punjab University Journal of Mathematics
 Proceedings of the Estonian Academy of Sciences
 Mathematical Sciences
 Southeast Asian Bulletin of Mathematics
 Problemy Analiza-Issues of Analysis
 International Journal of Analysis and Applications
 IEEE Access
 Communications, Faculty of Sciences
 University of Ankara, Series A1: Mathematics and Statistics
 Caspian Journal of Mathematical Sciences (CJMS)
 Communications in Mathematics and Applications
 Fuzzy Information and Engineering
 Complex & Intelligent Systems
 International Journal of Neutrosophic Science (IJNS)
 Soft Computing
 Journal of Algebra and Its Applications
 Mathematics
 AIMS Mathematics
 Filomat
 Journal of Algebra and Related Topics
 Journal of Ambient Intelligence and Humanized Computing
 International Journal of Fuzzy Logic and Intelligent Systems

Summary of Research and Scientific Activity

©2025 Faculty of Mathematical Engineering & Physical Engineering - Polytechnic University of Tirana

TWMS Journal of Applied and Engineering Mathematics
Automatika
AKCE International Journal of Graphs and Combinatorics
Bulletin of the Section of Logic
Journal of Function Spaces
Advances and Applications in Mathematical Sciences
Iranian Journal of Mathematical Chemistry
Mathematical Sciences Letters
Missouri Journal of Mathematical Sciences
WSEAS Transactions on Mathematics

Journal of Algebraic Hyperstructures and Logical Algebras
Symmetry
Bollettino dell'Unione Matematica Italiana (BUMI)
Scientific Reports
PLOS One
Rendiconti del Circolo Matematico di Palermo Series 2
Contributions to Mathematics
Logic Journal of the IGPL
Montes Taurus Journal of Pure and Applied Mathematics

3. A. Kashuri

Reviewer of the JOURNAL OF APPLIED MATHEMATICS AND COMPUTING WITH APPLICATION.

Reviewer of the JOURNAL OF FUNCTION SPACES.

Reviewer of the JOURNAL "FRACTAL AND FRACTIONAL.

Reviewer of the JOURNAL "SYMMETRY".

Reviewer of the JOURNAL "MATHEMATICAL PROBLEMS IN ENGINEERING".

4. Sh. Kuka

Reviewer: *Bulletini i Shkencave Teknike*, UPT.

Reviewer in the editorial review group for the publication of the *Proceedings of the International Conference on Applied Sciences and Engineering 2017 (ICEAS-2017)*, held on the 16th and 17th of November 2017, organized by the Faculty of Mathematical Engineering and Physical Engineering (FIMIF), Polytechnic University of Tirana, 2017, Tirana, Albania.

5. E. Raço

Reviewer: THE R JOURNAL, ISSN: 2073-4859; SEAS Transactions on Mathematics , Print ISSN: 1109-2769, E-ISSN: 2224-28; OSJI Open Science Journal, ISSN 2466-4308 (Online); Qeios, ISSN 2632-3834

6. L. Prifti

Reviewer: BULETIN SHKENCOR TË UNIEL

7. D. Salillari

Reviewer: ADVANCED ENGINEERING SCIENCE (E-ISSN: 2791-8580);

Reviewer of the JOURNAL OF ADVANCES IN MATHEMATICS: (E-ISSN: 2347-1921)

8. A. Daci

Reviewer: JOURNAL OF MATHEMATICS AND COMPUTER SCIENCE (JMCS);
Reviewer of the MATHEMATICS AND STATISTICS (ISSN 2332-2144)

9. E. Xhafaj

Reviewer: INTERDISCIPLINARY JOURNAL OF RESEARCH AND DEVELOPMENT.

10. A. Naço

PROBLEMS AND SOLUTIONS, JOURNAL: MATHPROBLEMS, ISSN: 2217-446X,
Solution Submitted

1. **Adrian Naço.** "Problem 39. The generalisation of an inequality". Problem and Solutions, *Mathproblems*, Vol. 2, No. 3, (2012) 97.
2. **Adrian Naço.** "Problem 48. The generalisation of an inequality ", Problem and Solutios. *Mathproblems*, Vol. 2, No. 4, (2012) 126-127.
3. **Adrian Naço.** "Problem 49. The Generalisation of an inequality". Problem and Solutions, *Mathproblems*, Vol. 2, No. 4, (2012) 127-128.
4. **Adrian Naço.** "Problem 41." Solutions, Mathcontest Section, *Mathproblems*. Vol. 3, No. 2, (2013) 154

11. S. Kovaçi

External Reviewer of the Ph.D Thesis titled "*Study of the Relationship between Quality Assurance and Internationalization Processes at the Third Level of Higher Education*", Submitted in partial fulfillment for the Degree of Doctor of Philosophy (PhD) in Education Sciences by the Ph.D Candidate: Msc. Pikria Vardosanidze, TBILISI STATE UNIVERSITY, Georgia, June 2022.

12. R. Dervishi

Reviewer: WSEAS TRANSACTIONS ON ENVIRONMENT AND DEVELOPMENT

Member of Editorial Board of the EDELWEISS APPLIED SCIENCE AND TECHNOLOGY.

PROJEKTE, TEMA STUDIMORE & AKTIVITETE TË TJERA KËRKIMORE-SHKENCORE/ RESEARCH-SCIENTIFIC PROJECTS, STUDY THESIS & OTHER ACTIVITIES

- LEAR (Legal Entity Appointed Representative) for FP7 PROJECTS (**A. Fundo**)
- The FP7 Project SEERA-EI, 2009-2014 (**A. Fundo, co-cordinator**)
- Commission of the NATIONAL PROGRAM FOR INFORMATION AND COMMUNICATION TECHNOLOGY (NATIONAL AGENCY OF TECHNOLOGY AND INNOVATION (AKTI)) (**A. Fundo, coordinator**)
- TEMPUS Project "INTERFACE – DEVELOPING AND SETTING UP MEASURES FOR INITIATING, ENHANCING, AND SUSTAINING HIGHER EDUCATION-SOCIETY COOPERATION" (Grant Agreement Number 2010-3304/001-001) (**A. Fundo, co-coordinator**)

Summary of Research and Scientific Activity

©2025 Faculty of Mathematical Engineering & Physical Engineering - Polytechnic University of Tirana

- ERASMUS MUNDUS Project: EUROWEB (**A. Fundo, member**)
- ERASMUS+ Project: REFORMING DOCTORAL STUDIES IN MONTENEGRO AND ALBANIA - GOOD PRACTICE PARADIGM (MARDS) 598465-EPP-1-2018-1-ME-EPPKA2-CBHE-SP (2018-2479/001-001) (**A. Fundo, member**)
- ERASMUS MUNDUS Project: Graduates Advancement and Development of University Capacities in Albania (GRADUA) 585961-EPP-1-2017-1-AL-EPPKA2-CBHE-SP (2017-2926/001-001) (**A. Fundo, member**)
- FP7 Project: TRANSBONUS (**A. Fundo, member**)
- Project "IT GOVERNANCE FOR ALBANIAN UNIVERSITY (ITG4AU)" (as part of ERASMUS+ Capacity Building Projects, 585578-EPP-1-2017-1-ES-EPPKA2-CBHE-JP) (**A. Fundo, member**)
- The project: "Construction and functioning of a modern ICT system for creation, saving, exchanging and publication of information". (National Programs of Researches and Development), 2007-2009. (**K. Hila, director**)
- The project: "Innovative STEM teaching practices in Albania towards European Integration" with reference number 101085776 — ISTA-EU in the framework of the grant: ERASMUS-JMO-2022-MODULE — Jean Monnet Actions in the field of Higher Education: Modules, 2022-2025. (**E. Raço, J. Jani(coordinator), K. Hila**)
- The project: "Digital education in Albanian universities to provide high-quality life-long learning opportunities: an European approach" with reference number 101127005 — ISTA-EU in the framework of the grant: ERASMUS-JMO-2023-MODULE — Jean Monnet Actions in the field of Higher Education: Modules. 2023-2026. (**E. Raço(coordinator), J. Jani, K. Hila**)
- "Updating and Publishing the Vulnerability Map of Groundwater in Albania", funded by the National Agency of Technology and Innovation (AKTI) and the Polytechnic University of Tirana 2023 (**E. Raço, A. Beqiraj, H. Beshku, E. Dindi, D. Zeqiraj, H. Çadraku, Sh. Nazaj, Dh. Ndreko, F. Gjoka, M. Cenameri, A. Jahja, R. Mumajesi, E. Ndreca**).
- Member of the international research group in the study: "Predictive Modelling: Migration Impact on the Albanian Workforce and Skills Development Needs from a Gender Perspective in Albania" supported by IOM (01/2022–12/2022) (**E. Raço**)
- Author of "Social Housing in Albania: Situation Assessment" supported by UNDP. (01/2016–05/2016) (**E. Raço**)
- Participation in a teaching mobility under the Erasmus+ KA107 program at Ondokuz Mayıs University from 13.06.2022 to 17.06.2022 in Samsun, Turkey. (**A. Kashuri**)
- Participation in a training mobility under the Erasmus+ program at the University of Granada from 10.07.2023 to 14.07.2023 in Granada, Spain. (**A. Kashuri**)
- Pharem – Development and Application of an Advanced Oxidation Process-Based System for the Treatment of Hospital Wastewater Aimed at Removing Highly Persistent Pharmaceutical Compounds from the Aquatic Environment - INTERREG IPA Cross Border Albania-Greece(01.09.2018–31.08.2020)(**A. Kashuri**)
- Participation in the program Erasmus + and bilateral agreements KA107, "Staff Mobility in the Summer School for University Didactics for Young Lecturers.", University of Siegen, Germany, June 19 – June 23, 2023. (**A. Çausi, E. Musta**)

- "Establishment of an Online Statistical Database for Tourism and Application of the Model in the Accommodation Sector." As part of the "Fundamental Research and Excellence" projects, 2012. **(A. Naço)**
- "Developing Differential Mathematical Models for the Spread of Epidemic Diseases - Focus on the Covid-19 Pandemic. Real-Time Design and Evaluation of Control Measure Effectiveness." 2024. **(L. Hanelli, A. Fundo, F. Osmani, S. Tola, A. Daci)**
- "Advanced Numerical Methods for the Simulation of Synthetic Materials, 2024" **(S. Tola, A. Daci)**
- Doctorate in Mathematical Engineering: "Building Differential Mathematical Models for the Spread of Epidemic Diseases - Focus on the Covid-19 Pandemic. Real-Time Design and Evaluation of Control Measure Effectiveness." 2023 – Ongoing **(L. Hanelli, Project Leader)**
- "Mathematics Education in Engineering," Tempus European Project, Contract No. JEP-16119, Tirana-Vlora-Athens-Trieste, 2002-2003-2004. Overall Budget: 221,915 EUR **L. Hanelli (Coordinator)**, Sofia Lambropoulou (Contractor – Greece), Alfredo Bellen (Local Coordinator – Italy),
- Project Title: "Numerical Solutions for Some 8th, 10th, and 12th Order Eigenvalue Problems." Developed at the University of Essen, Germany, 1997. Supported by the DAAD program, Contract No. GR 6197-A9704621, Supported by DAAD Program, Contract No. GR 6197 – A9704621. **(L. Hanelli)**
- Project Title: "Numerical Solution of Some Special High Order Boundary and Eigenvalue Problems Arising in Thermal Instability." Conducted at the University of Pittsburgh, USA, 1999-2000, Accompanied by Several References and Publications. Supported by the Fulbright Program of the USA, Contract No. 23949. **(L. Hanelli)**
- Participation and collaboration in the project: "Concrete Recommendations for Energy Resources through Geological-Geophysical Studies. Redefinition of Oil and Gas Reserves in Accordance with EU Standards, Including Unconventional Oil" – Contracting Institution: National Agency of Natural Resources, Tirana 2011-2014. **(L. Hanelli)**
- Participation in Research and Development Project No. 8, part of the National Research and Development Program: "Reassessment with Contemporary Methods of Discovered Oil and Gas Reserves for Carbonate Fields; Their Status and Possible Extraction." Engagement: Collaboration for Solving Special Tasks with Mathematical Content, as Specified in the Program and Work Plan of the Project. Supported by the National Committee for Science and Technology, Contracting Institution: Faculty of Geology and Mining, Tirana, November 2003 - December 2005. **(L. Hanelli)**
- Participation in the project: "Assessment of Abnormal Layer Pressures and Restoration of Thicknesses in the Ardenicë Divjakë-Kryevidh Structures." Supported by the National Committee for Science and Technology, Tirana 1996. **(L. Hanelli)**
- Participation in the project: "Quantitative Assessment of Hydrocarbon Potential for External Albanides in a New Contemporary Context," Institute of Oil and Gas, 1990. ING Fund - Fier. **(L. Hanelli)**
- Participation in the project: "Assessment of Reserves in Hekal-Karbunara," Institute of Oil and Gas, 1981, ING Fund – Fier. **(L. Hanelli)**
- "Directions for the Use of Mathematical Methods in Geology," 20 pages, Institute of Oil and Gas, 1980. ING Fund – Fier. **(L. Hanelli, Project Leader)**

Summary of Research and Scientific Activity

©2025 Faculty of Mathematical Engineering & Physical Engineering - Polytechnic University of Tirana

- Participation in the project: “Collector Properties of Oil and Gas in Albanian Rocks,” Institute of Oil and Gas, 1980. **(L. Hanelli)**
- ERASMUS-STAFF TRAINING–University of Poitiers, France. 2023 **(L. Prifti, E. Raço)**
- ERASMUS-STAFF TRAINING–University of Poitiers, France. 2024 **(E. Raço)**
- ERASMUS-TEACHING-ISCTE, Lisboa, Portugal. 2023: Teach Probability and Statistics in Bachelor in Mathematics Applied to Digital **(L. Prifti)**
- ERASMUS-STAFF- University of Technology of Compiègne, France. 2022 **(L. Prifti)**
- ERASMUS-TEACHING-Technical University of Cartagena, Spain, 2024 **(E. Raço)**
- ERASMUS-TEACHING-University Institute of Lisbon, Portugal, 2023 **(E. Raço)**
- ERASMUS-STAFF TRAINING-Polytechnic University of Viseu, Portugal, 2022 **(E. Raço)**
- ERASMUS-STAFF TRAINING-AGH University, Poland, 2022 **(E. Raço)**
- ERASMUS-STAFF TRAINING-AGH University, Poland, 2019 **(E. Raço)**
- “*Construction of a Mathematical Model for Evaluating Compliance in Albanian Texts.*” Part of the reorganization of the doctoral study program in Mathematical Engineering, in the research field of “Statistical Methods and Operations Research” in Mathematical Engineering, approved by the Academic Senate of PUT with Decision No. 5 dated September 29, 2020, approved by the Ministry of Education and Sports, 2024. **(L. Prifti, D. Salillari)**
- “*Mathematical Modeling of Phonemes in Albanian Texts and Applications in Computer Systems.*” Developed within the framework of the projects “For Fundamental Research and Excellence” in Public Higher Education Institutions, as part of the National Program for Research and Development (NPRD) in Information Systems and Technologies, 2010-2012 “DMI, FMEPE, PUT September 2011 - September 2012. **(L. Prifti)**
- “*Spatial Data Analysis Based on Statistical Theory, Case Study: CENSUS 2011, INSTAT.*” Developed within the framework of the projects “For Fundamental Research and Excellence” in Public Higher Education Institutions, as part of the National Program for Research and Development (NPRD) in Information Systems and Technologies, 2010-2012 “DME, FMEPE, PUT September 2011 - September 2012. **(L. Prifti, D. Salillari)**
- PROJECT TEMPUS JEP 18062-2003, Politecnico di Bari, 2006. **(L. Prifti)**
- Participation in the Project Tempus program JEP-16119 “Mathematics Education Engineering” Università degli studi di Trieste, 2003-2004. **(L. Prifti)**
- ERASMUS-STAFF TRAINING-University of Technology of Compiègne, France. July 2022 **(D. Salillari)**
- Participation in the PROJECT TEMPUS program JEP-09363-95 University of Ioannina (Greece), 1995-1998. **(K. Hila)**
- Participation in the PROJECT TEMPUS program JEP-UM16077-2001 University of Siegen, Germany, December 2003. **(K. Hila)**
- Participation in the PROJECT TEMPUS program INDIVIDUAL MOBILITY GRANT “IMG-2001-ALB0016”). University of Ioannina (Greece), December 2002-January 2003. **(K. Hila)**

- Participation in the PROJECT TEMPUS program INDIVIDUAL MOBILITY GRANT “IMG-2004-ALB2014”). University of Ioannina (Greece), April 2005. **(K. Hila)**
- POSTDOCTORAL RESEARCH supported by The State Scholarships Foundation of Hellenic Republic. October 2009-November 2010 **(K. Hila)**
- TEMPUS IMG-ALB 2019-2003, January – February 27, 2004. Individual grant awarded by the Tempus program as part of a collaboration on various educational and scientific issues with faculty from the Department of Mathematics at the University of Ioannina **(A. Naço)**
- TEMPUS S-JEP 09363-95, March-June 1997. Exchange program between the University of Tirana and the University of Ioannina **(A. Naço)**
- Participation in a training and teaching mobility under the Erasmus+ program (G EGALE002) at University of West Attica in Athens (UNIWA), Greece, from December 5 to December 9, 2022. Training from December 5 to 7 on the topic “Innovative Management in Higher Education, Applied Practices during the Covid-19 Pandemic, and Remaining Challenges.” Teaching on December 8-9, subject: Actuarial Statistics in the Bachelor’s program, Year II, “Business Administration.” **(K. Haxhi)**
- Participation in a training mobility under the ERASMUS+ PROGRAM (E LA-CORU01) at the University of A Coruña, Spain, May 27 to May 31, 2024. A five-day training with the theme: “*Breaking Barriers in the Internationalization of Higher Education.*” **(K. Haxhi)**
- Participation in the PROJECT TEMPUS program INDIVIDUAL MOBILITY GRANT 2004-2005 **(S. Kovaçi)**
- Contribution to the drafting of the project “*Together Towards a Sustainable Future - When Science Comes to Town,*” submitted under the “HORIZON-WIDERA-2024-ERA-02” framework. (In the evaluation process), 2024; **(S. Kovaçi)**
- Contribution as an expert in the implementation of the “EU4Inclusion” Project, 2023-2024; **(S. Kovaçi)**
- Contribution to the Project: “Empowering the Capacities of the FIMIF Library,” in collaboration with the Center for European Perspective and the Foreign Ministry of Slovenia, 2012; **(S. Kovaçi)**
- Contribution to the COBBIS Project: “Restructuring the Scientific Library of PUT and its Inclusion in the COBBIS.Net Network,” 2012; **(S. Kovaçi)**
- Contribution to the drafting of the Project “Adriatic ROADS,” within the framework of the “Galileo” Project, led by Prof. Giorgio Manzoni. Partner: Department of Geodesy, Faculty of Civil Engineering (PUT), 2004; **(S. Kovaçi)**
- Participation in a training and teaching mobility under the ERASMUS+ PROGRAM at Politecnico di Torino, Polito, Italia 27/05/2024 – 31/05/2024 **(A. Daci)**
- Participation in a training and teaching mobility under the ERASMUS+ PROGRAM at Politecnico di Torino, Polito, Italia 27/05/2024 – 31/05/2024 **(S. Tola)**
- “Raport 2010” - studim statistik dhe psikometrik i të dhënave të Maturës Shtetërore 2010, (botim i Agjencise Kombetare të Provimeve) **(Zh. Muka)**
- Punimin me temë: “Vlerësimi dhe hartimi i një testi në lëndën e matematikës” në botimet e Agjencise Kombëtare të provimeve. 2009 **(Zh. Muka)**

- “Raporti publik 2009” - studim statistik dhe psikometrik i të dhënave të Maturës Shtetërore 2009, (botim i Agjencise Kombetare të Provimeve) (**Zh. Muka**)
- "Project for 'Fundamental Research and Excellence' (under the 2011 budget) in Public Higher Education Institutions, as part of the National Program for Research and Development, titled: 'Measurement of Radon Gas Concentration in the Air of Different Areas of Tirana and Creation of a Thematic Mapping System as an Integral Part for Visualizing the Project Results' September 2011." (Coordinator: **M. Kuqali**, Member: **A. Hoxha, D. Mitrushi, Sh. Kuka, T. Myftiu, E. Duka**.)

UDHËHEQJE DISERTACIONESH/ PhD DISSERTATIONS SUPERVISIONS

1. A. Fundo

1. *Scientific Supervisor* of the Doctorate titled “*Measuring the Phenomenon of Overqualification of Graduates: The Case of Albania.*” PhD student: Migena Elmazaj, Department of Applied Mathematics, Faculty of Natural Sciences, University of Tirana, 2016.
2. *Scientific Supervisor* of the Doctorate titled “*Modeling Environmental Spatial Data Using Artificial Neural Networks and GIS Technology.*” PhD student: Sandër Kovaçi, Department of Mathematical Engineering, Faculty of Mathematical Engineering and Physical Engineering, Polytechnic University of Tirana, 2010.
3. *Scientific Supervisor* of the Doctorate titled “*A New Integral Transform and Its Applications.*” PhD student: Artion Kashuri, Department of Mathematics, Faculty of Technical Sciences, University of Vlorë, 2016.
4. *Scientific Supervisor* of the Doctorate titled “*A Local α -Integral Transform and Its Applications.*” PhD student: Matilda Kerku (Gjata), Department of Mathematical Engineering, Faculty of Mathematical Engineering and Physical Engineering, Polytechnic University of Tirana, 2017.

2. Sh. Kuka

1. *Scientific Supervisor* of the Doctoral Dissertation: “*Traffic Modeling Using Statistical Methods and GIS*”, PhD student: Rajmonda Dervishi, DME, FMEPE, PUT, 2016.
2. *Scientific Supervisor* of the Doctoral Dissertation: “*On Fuzzy Logic Theory and Its Applications in Building a Mathematical Model in Hydrology*”, PhD student: Zhivka Muka, DME, FMEPE, PUT, 2018.
3. *Scientific Supervisor* of the Doctoral Dissertation: “*On Fuzzy Sets and Applications of Fuzzy Logic in Traffic Accident Prediction*”, PhD student: Elda Maraj, DME, FMEPE, PUT, 2020.
4. *Scientific Supervisor* of the Doctoral Dissertation: “*Approaches to Special Semigroups and Their Applications*”, PhD student: Anila Peposhi, DME, FMEPE, PUT, 2022.

3. L. Hanelli

1. *Scientific Supervisor* of the Doctoral Dissertation: ‘*Numerical Methods for Solving Certain Boundary and Eigenvalue Problems in Higher-Order Differential Equations.*’ PhD Student: Flora Osmani, PUT.
2. *Scientific Supervisor* of the Doctoral Dissertation: ‘*Comparative Analysis of Methods for Solving Boundary Problems and Contribution to the Numerical Solution of Certain Special Problems of Higher-Order.*’ PhD Student: Adrian Naço, PUT.
3. *Scientific Supervisor* of the Doctoral Dissertation: ‘*Study on Non-Uniform Approximation Techniques with Applications in Interpolatory and Pseudospectral Methods.*’ PhD Student: Alvin Asimi, PUT.
4. *Scientific Supervisor* of the Doctoral Dissertation: ‘*Study on Convergence and Stability in the Initial Value Problem of Ordinary Differential Equations and Delay Differential Equations.*’ PhD Student: Elfrida Dishmema, PUT.
5. *Scientific Supervisor* of the Doctoral Dissertation: ‘*Contribution to the Numerical Solution of Certain Hyperbolic Differential Problems Encountered in the Study of Flexible Structure Vibrations.*’ PhD Student: Valmir Bame, PUT.
6. *Scientific Supervisor* of the Doctoral Dissertation: ‘*A Study on the Fuzzy Regression Model and Artificial Neural Networks (ANN), with Applications in Forecasting Electricity Consumption.*’ PhD Student: Jorida Ajçe, PUT.
7. *Scientific Supervisor* of the Doctoral Dissertation: ‘*Numerical Approximations of Solutions to Certain Parabolic Problems Modeling Fluid Flow in Porous Media*’ – in Progress. PhD Student: Armida Brakaj, PUT.

4. K. Hila

Scientific Supervisor of the Doctoral Dissertation: ‘*Contribution to the Study of Hyperstructure Theory*’. PhD Student: Krisanthi Naka, Polytechnic University of Tirana, July 2011 - September 2014.

5. L. Prifti

1. *Scientific Supervisor* of the Doctoral Dissertation: ‘*Classification and Regression via Decision Trees,*’ PhD Student: Adem Meta, ‘Ismail Qemali’ University, Vlorë, 2019.
2. *Scientific Supervisor* of the Doctoral Dissertation: ‘*Construction and Analysis of a Mathematical Model for Optimizing Economic Processes,*’ PhD Student: Blerta Nazarko (Kristo), Polytechnic University of Tirana, 2018.
3. *Scientific Supervisor* of the Doctoral Dissertation: ‘*Mathematical Modeling of Categorical Data and Applications,*’ PhD Student: Erjola Cenaj, Polytechnic University of Tirana, 2017.
4. *Scientific Supervisor* of the Doctoral Dissertation: ‘*Mathematical Modeling of Phonemes in Albanian Texts and Applications in Computer Systems,*’ PhD Student: Denisa Salillari, Polytechnic University of Tirana, 2016.

6. S. Kovaçi

Scientific Supervisor of the Doctoral Dissertation: 'Analysis of Covariance with Statistical Algorithms,' PhD Student: Agron Gjana, PUT, 2022.

TEKSTE- BOOKS

1. **J. Malita, A. Fundo** “Analiza Matematike I”, SHBLU, Tiranë 2003.
2. **J. Malita, A. Fundo** “Analiza Matematike II”, SHBLU, Tiranë 2004
3. **J. Malita, A. Fundo** “Analiza Matematike” Vellimi I dhe II, SHBLU, Tiranë 2007
4. **Sh. Kuka, A. Naço**, “Algjebra Lineare dhe Gjeometri Analitike”(për fakultetet e Arkitekturës dhe Urbanistikës), UNIVERS, Tetor 2023, Tiranë, ISBN: 978-9928-355-49-2, Albania.
5. **Sh. Kuka, A. Naço**, “Algjebra Lineare dhe Gjeometri Analitike”, INFBOTUES Tirane, 2016, ISBN: 978-9928-173-42-3, Albania.
6. **Sh. Kuka, A. Naço**, “Algjebra Lineare dhe Gjeometri Analitike, USHTRIME”, INFBOTUES Tirane, 2016, ISBN: 978-9928-173-43-0, Albania.
7. **L. Hanelli, F. Osmani**, “Njehsimi Numerik me Matlab”, për studentët e fakulteteve inxhinierike, Shtëpia Botuese “PEGI”, Tiranë 2017, ISBN 978-9928-228-62-8.
8. **L. Hanelli, A. Asimi, S. Tola, M. Pasha, G. Zavalani**. “Analize Numerike me Matlab – Udhëzues, Ushtrime, Detyra Kursi dhe Projekte, Shtëpia Botuese “PEGI”, Tiranë 2017, ISBN 978-9928-228-63-5
9. **L. Hanelli, A. Naço**, Analizë Numerike në Ekuacionet Diferenciale, Shtëpia Botuese “PEGI”, Tiranë 2015. ISBN: 978-9928-200-03-7
10. **V. Kabili, A. Haxhimusai, Sh. Leka, M. Qirko, L. Gjoka, L. Hanelli, S. Makoçi, H. Binjaku, S. Hysko**, “Ushtrime në Analizë Matematike per Studentët e Inxhinierisë”, Shtëpia Botuese e Librit Universitar, Tiranë 2011, Ribotim 2017. ISBN 978-9928-124-09-8
11. **L. Hanelli, F. Osmani**, Analizë Numerike në Ekuacionet ne Derivate të Pjeshme, Shtëpia Botuese “PEGI”, Tiranë 208. ISBN: 978-9928-200-03-7
12. **M. Qirko, L. Nikolla, F. Osmani, S. Hysko, L. Hanelli**: “Udhëzues dhe Detyra Kursi në Analizë Numerike”, për studentët e fakulteteve inxhinierike, Tiranë 2003, 170 faqe.
13. **L. Hanelli, F. Osmani**, “Njehsimi Numerik me Matlab”, për studentët e fakulteteve inxhinierike, Miratuar për botim nga Departamenti i Matematikës dhe Informatikës, dt. 4. 9. 2003, Mbështetur nga Programi Tempus “Edukimi Matematik në Inxhinieri”, Tiranë 2004, 350 faqe.
14. **L. Hanelli, F. Osmani**, “Matlab, Teknologji e lartë e llogaritjeve shkencore dhe paraqitjeve grafike”, Dispencë plotësuese për lëndën Metoda Numerike, për studentët e Fakultetit Gjeologji-Miniera, Shtëpia Botuese PEGI, Tiranë 2001.

15. **L. Hanelli, L. Nikolla**, “Metoda Numerike për Studentët e Inxhinierisë”, Shtëpia Botuese e Librit Universitar, Tiranë 1999. ISBN 99927-0-028-9
16. **V. Kabili & ... & L. Hanelli** & H. Binjaku: “Ushtrime në Analizë Matematike për Studentët e Inxhinierisë”, Shtëpia Botuese e Librit Universitar, Tiranë 1994. ISBN 99927-0-191-9
17. **K. Hila**, J. Dine, *Teori e Numrave*, SHBLU, Tirane 2002(2005, 2008, 2013) ISBN 99927-0-199-4 (4 ribotime).
18. P. Karajani, **K. Hila**, *Algjebra Lineare 1*, SH.B.L.U, Tirane, 2000 ISBN 99927-0-332-6 (2 ribotime)
19. P. Karajani, **K. Hila**, *Algjebra Lineare 2*, SH.B.L.U, Tirane, 2001 ISBN 99927-0-390-3 (2 ribotime)
20. P. Karajani, J. Dine, **K. Hila**, *Didaktika e Koncepteve Paramatematikore*, SH.B.L.U, Tirane, 2004 ISBN 99927-0-288-5
21. **E. Raço, E. Llagami, K. Haxhi, O. Zaçaj**, *Teoria e Probabilitetit dhe Statistika Matematike me ilustrime në gjuhën R*, Shtypshkronja KOTTI, Korçë 2017, ISBN: 978-9928-167-70-5 (ribotuar 2021).
22. **E. Raço, E. Llagami, K. Haxhi, O. Zaçaj**, *Teoria e Probabilitetit dhe Statistika Matematike (Ushtrime)*, Shtypshkronja KOTTI, Korçë 2017, ISBN: 978-9928-167-76-7 (ribotuar 2021),
23. Ll. Puka, **A. Naço**, *Perkthim dhe pershtatje, Matematika 8*, Mediaprint, 2017, Tirane, ISBN 976–9928–295–4
24. Ll. Puka, **A. Naço**, F. Gjoni, *Perkthim dhe pershtatje, Matematika 10 – 11, Pjesa e pare*, Mediaprint, 2016, Tirane, ISBN 978–9928–08-252–7
25. Ll. Puka, **A. Naço**, F. Gjoni, *Perkthim dhe pershtatje, Matematika 10 – 11, Pjesa e dyte*, Mediaprint, 2016, Tirane, ISBN 978–9928–08-253–4
26. Ll. Puka, **A. Naço**, *Perkthim dhe pershtatje, Matematika 12*, Mediaprint, 2018, Tirane, ISBN 978–9928–08-344–9
27. Ll. Puka, **A. Naço**, *Perkthim dhe pershtatje, Matematika me zgjedhje 12*, Mediaprint, 2018, Tirane, ISBN 978–9928–08-345–6
28. **A. Tato, A. Çaushi**, *Elemente të Analizës Funksionale*, Tiranë 2022, ISBN: 978-9928-4435-5-7 .
29. **A. Kashuri**, R. Liko “Ekuacionet Diferenciale të Zakonshme”, (Janar 2015), Shtëpia Botuese EUROPRINT, ISBN-978 – 99956 – 95 – 43 – 9.
30. **K. Filipi, A. Gjana**, *Algjebra dhe Gjeometria. Teori dhe Ushtrime te Zgjidhura*, Shtëpia botuese “Shpresa Print”, 2023, ISBN: 9789928810076.
31. **L. Gjoka, A. Daci**, *Analiza C (Ekuacione Diferenciale, Sisteme Dinamike)*, Reklama, Tiranë 2014 (2019), ISBN: 978-9928-07286-3 (ISBN: 978 -9928-308-01-6)
32. S.G.A. Sayed Ahmed, H. Jafari, M.Y. Youssif, **R. Datja**, “Numerical Analysis for Science, Engineering and Technology”. ©2018, Bentham eBooks imprint. eISBN: 978-1-68108-651-4, 2018; ISBN: 978-1-68108-652-1

33. **R. Dervishi**, M. Dervishi, *Plotësime të matematikës për shkollat e mesme*, 2M, 2021, ISBN: 978-9928-336-52-1
34. M. Dervishi, I. Alikaj, **R. Dervishi**, *Trigonometria*, Mediaprint, 2011, ISBN: 978-99956-93-87-9
35. H. Binjaku, **R. Dervishi**, M. Naço, *Ushtrime të Matematikës*, Infobotues, 2009, ISBN: 978-99956-789-1-3
36. **S. Kovaçi**, H. Binjaku, A. Bekolli, *Matematikë 1, Ushtrime dhe ushtrime të zgjidhura për studentët e Inxhinieri, Informatikë, Arkitekturë*, UET Press, 2020, ISBN 978-9928-320-17;
37. H. Binjaku, **S. Kovaçi**, *Matematikë 2, Ushtrime dhe ushtrime të zgjidhura për studentët e Inxhinieri, Informatikë, Arkitekturë*, UET Press, 2020, ISBN 9789928320032;
38. A. Polovina, **L. Gjoka, S. Kovaçi**, *Matematika 7 : për klasën e shtatë të shkollës 9-vjeçare*, LILO 2012, ISBN 9789928157010;
39. A. Polovina, **L. Gjoka, S. Kovaçi**, *Matematika 6 : për klasën e gjashtë të shkollës 9- vjeçare*, LILO 2012, ISBN 978992815700
40. A. Polovina, **L. Gjoka, S. Kovaçi**, *Matematika 9 : për klasën e 9-të të shkollës 9-vjeçare*. LILO 2008, ISBN 9789995664435;
41. A. Polovina, **L. Gjoka, S. Kovaçi**, *Matematika 9 : fletore pune : për klasën e 9-të të shkollës 9-vjeçare*, LILO 2008, ISBN 9789995664466;
42. A. Polovina, **L. Gjoka, S. Kovaçi**, *Matematika 8 : fletore pune : për klasën e tetë të shkollës 9-vjeçare*, LILO, 2007, ISBN 9789994389988;
43. A. Polovina, **L. Gjoka, S. Kovaçi**, *Matematika 8 : për klasën e tetë të shkollës 9-vjeçare*, LILO, 2007, ISBN 9789994389957.
- 44.

**PJESËMARRJE NË ORGANIZMA SHKENCORE ETJ. / PARTICIPATION
IN SCIENTIFIC ORGANISATIONS ETC.**

- All members of the academic staff of the Department are members of the Albanian Mathematical Association (AMA).
- **K. Hila, E. Raço**- Members of the Steering Committee of the Albanian Mathematical Association.
- **A. Naço**, Head of the Albanian Mathematical Association.
- **A. Kashuri**, Member of American Mathematical Society
- **K. Hila, E. Raço**, Experts of the external evaluation groups for ASCAL (Quality Assurance Agency in Higher Education).
- **E. Xhafaj**-Member of the Association of Simulation in Albania, ALBSIM as part of the network of the Federation of European Simulation Associations, EUROSIM
- **K. Haxhi**- Chair of the Albanian Society of Actuaries
- **O. Zaçaj**- Member of the Albanian Society of Actuaries.

Chair of the Actuaries Committee (until the end of 2010).

- European Girls' Mathematical Olympiad (EGMO), Georgia, April 2024. Leader of the Albanian Representative Team & Member of the EGMO 2024 Jury **(A. Naço)**.
- International Mathematical Olympiad (IMO), Japan, July 2023. Leader of the Albanian Representative Team & Member of the IMO 2023 Jury **(A. Naço)**.
- Balkan Mathematical Olympiad for Young People (JBMO), Albania, June 2023. Chair of the Organizing Committee & Member of the JBMO 2023 Coordinating Team **(A. Naço)**.
- Balkan Mathematical Olympiad (BMO), Turkey, May 2023. Leader of the Albanian Representative Team & Member of the BMO 2023 Jury **(A. Naço)**.
- European Girls' Mathematical Olympiad (EGMO), Slovenia, April 2023. Leader of the Albanian Representative Team & Member of the EGMO 2023 Jury **(A. Naço)**.
- International Mathematical Olympiad (IMO), Norway, July 2022. Leader of the Albanian Representative Team & Member of the IMO 2022 Jury **(A. Naço)**.
- Balkan Mathematical Olympiad for Young People (JBMO), Bosnia and Herzegovina, June-July 2022. Observer of the Albanian Representative Team JBMO 2022 **(A. Naço)**.
- Balkan Mathematical Olympiad (BMO), Cyprus, May 2022. Leader of the Albanian Representative Team & Member of the BMO 2022 Jury **(A. Naço)**.
- European Girls' Mathematical Olympiad (EGMO), Hungary, April 2022. Leader of the Albanian Representative Team & Member of the EGMO 2022 Jury **(A. Naço)**.
- International Mathematical Olympiad (IMO), Russia, September 2021. Leader of the Albanian Representative Team & Member of the IMO 2021 Jury **(A. Naço)**.
- Balkan Mathematical Olympiad for Young People (JBMO), Moldova, June 2021. Observer of the Albanian Representative Team JBMO 2021 **(A. Naço)**.
- Balkan Mathematical Olympiad (BMO), Cyprus, September 2021. Leader of the Albanian Representative Team & Member of the BMO 2021 Jury **(A. Naço)**.
- European Girls' Mathematical Olympiad (EGMO), Georgia, April 2021. Leader of the Albanian Representative Team & Member of the EGMO 2021 Jury **(A. Naço)**.
- International Mathematical Olympiad (IMO), Russia, September 2020. Leader of the Albanian Representative Team & Member of the IMO 2020 Jury **(A. Naço)**.
- Balkan Mathematical Olympiad for Young People (JBMO), Greece, September 2020. Observer of the Albanian Representative Team **(A. Naço)**.
- Balkan Mathematical Olympiad (BMO), Romania, October-November 2020. Leader of the Albanian Representative Team & Member of the BMO 2020 Jury **(A. Naço)**.
- European Girls' Mathematical Olympiad (EGMO), Netherlands, April 2020. Leader of the Albanian Representative Team & Member of the EGMO 2020 Jury **(A. Naço)**.
- International Mathematical Olympiad (IMO), England, July 2019. Leader of the Albanian Representative Team & Member of the IMO 2019 Jury **(A. Naço)**.
- Balkan Mathematical Olympiad for Young People (JBMO), Cyprus, June 2019. Observer of the Albanian Representative Team JBMO 2019 **(A. Naço)**.
- Balkan Mathematical Olympiad (BMO), Moldova, April-May 2019. Leader of the Albanian Representative Team & Member of the BMO 2019 Jury **(A. Naço)**.

- European Girls' Mathematical Olympiad (EGMO), Ukraine, April 2019. Leader of the Albanian Representative Team & Member of the EGMO 2019 Jury (**A. Naço**).
- International Mathematical Olympiad (IMO), Romania, July 2018. Leader of the Albanian Representative Team & Member of the IMO 2018 Jury (**A. Naço**).
- Balkan Mathematical Olympiad for Young People (JBMO), Greece, June 2018. Observer of the Albanian Representative Team JBMO 2018 (**A. Naço**).
- Balkan Mathematical Olympiad (BMO), Serbia, May 2018. Leader of the Albanian Representative Team & Member of the BMO 2018 Jury (**A. Naço**).
- European Girls' Mathematical Olympiad (EGMO), Italy, April 2018. Leader of the Albanian Representative Team & Member of the EGMO 2018 Jury (**A. Naço**).
- International Mathematical Olympiad (IMO), Brazil, July 2017. Leader of the Albanian Representative Team & Member of the IMO 2017 Jury (**A. Naço**).
- Balkan Mathematical Olympiad (BMO), FYROM, June 2017. Leader of the Albanian Representative Team & Member of the BMO 2017 Jury (**A. Naço**).
- European Girls' Mathematical Olympiad (EGMO), Switzerland, April 2017. Leader of the Albanian Representative Team & Member of the EGMO 2017 Jury (**A. Naço**).
- International Mathematical Olympiad (IMO), Hong Kong, July 2016. Leader of the Albanian Representative Team & Member of the IMO 2016 Jury (**A. Naço**).
- Balkan Mathematical Olympiad (BMO), Albania, May 2016. Leader of the Albanian Representative Team & Member of the BMO 2016 Jury (**A. Naço**).
- International Mathematical Olympiad (IMO), Thailand, July 2015. Leader of the Albanian Representative Team & Member of the IMO 2015 Jury (**A. Naço**).
- Balkan Mathematical Olympiad for Young People (JBMO), Serbia, June 2015. Deputy Leader of the Albanian Representative Team JBMO 2015 (**A. Naço**).
- Balkan Mathematical Olympiad (BMO), Greece, May 2015. Deputy Leader of the Albanian Representative Team BMO 2015 (**A. Naço**).
- International Mathematical Olympiad (IMO), South Africa, July 2014. Leader of the Albanian Representative Team & Member of the IMO 2014 Jury (**A. Naço**).
- Balkan Mathematical Olympiad for Young People (JBMO), Macedonia, June 2014. Deputy Leader of the Albanian Representative Team JBMO 2014 (**A. Naço**).
- Balkan Mathematical Olympiad (BMO), Bulgaria, May 2014. Deputy Leader of the Albanian Representative Team BMO 2014 (**A. Naço**).

**PJESËMARRJE NË KOMITETE SHKENCORE TË KONFERENCAVE ETJ. /
PARTICIPATION IN SCIENTIFIC COMMITTEES OF CONFERENCES ETC.**

A. Fundo

Member of Scientific Committee of INFORMATION & COMMUNICATIONS TECHNOLOGY OF 6TH SOUTH EAST EUROPEAN DOCTORAL STUDENT CONFERENCE”, 2011, Thessaloniki, Greece.

Member of Scientific Committee of INFORMATION & COMMUNICATIONS TECHNOLOGY OF 7TH SOUTH EAST EUROPEAN DOCTORAL STUDENT CONFERENCE”, 2012, Thessaloniki, Greece.

Member of Scientific Committee of INFORMATION & COMMUNICATIONS TECHNOLOGY OF 8TH SOUTH EAST EUROPEAN DOCTORAL STUDENT CONFERENCE”, 2013, Thessaloniki, Greece.

Member of Scientific Committee of INFORMATION & COMMUNICATIONS TECHNOLOGY OF 9TH SOUTH EAST EUROPEAN DOCTORAL STUDENT CONFERENCE”, 2014, Thessaloniki, Greece.

Member of Scientific Committee of INFORMATION & COMMUNICATIONS TECHNOLOGY OF 10TH SOUTH EAST EUROPEAN DOCTORAL STUDENT CONFERENCE”, 2015, Thessaloniki, Greece.

Member of Scientific Committee of INFORMATION & COMMUNICATIONS TECHNOLOGY OF 11TH SOUTH EAST EUROPEAN DOCTORAL STUDENT CONFERENCE”, 2017, Thessaloniki, Greece.

Member of Scientific Committee of INFORMATION & COMMUNICATIONS TECHNOLOGY OF 12TH SOUTH EAST EUROPEAN DOCTORAL STUDENT CONFERENCE”, 2018, Thessaloniki, Greece.

Member of Scientific Committee of POSTGRADUATE RESEARCH CONFERENCE 2019, 13-15 May 2019, Thessaloniki, Greece.

Member of Scientific Committee of INTERNATIONAL CONFERENCE ON APPLIED SCIENCES & ENGINEERING 2017 (ICEAS-2017), 16th and 17th of November 2017, Organizing by FIMIF, PUT, 2017, Tirana, Albania.

Member of Scientific Committee of 3rd INTERNATIONAL FORUM FOR ARCHITECTURE AND URBANISM “MODERNIZATION & GLOBALIZATION”: CHALLENGES & OPPORTUNITIES IN ARCHITECTURE, URBANISM & CULTURAL HERITAGE. 21-23 November 2019, Tirana, Albania.

Member of Scientific Committee of 2nd INTERNATIONAL SCIENTIFIC SYMPOSIUM ON “ENGINEERING APPLICATIONS SOLVING ENVIRONMENT CHALLENGES”, 12-13 December 2019, Tirana, Albania.

Member of Scientific Committee of 2ND INTERNATIONAL CONFERENCE: “IDEAS, EXPERIENCES AND DIDACTIC PRACTICES FOR GROWTH OF THE EFFECTIVENESS OF THE TRANSMISSION OF KNOWLEDGE”, November 10-11, 2017, Korçë-Albania.

Member of Local Organizing Committee of 2nd INTERNATIONAL SCIENTIFIC SYMPOSIUM ON “ENGINEERING APPLICATIONS SOLVING ENVIRONMENT CHALLENGES”, 12-13 December 2019, Tirana, Albania.

Member of Organizing Committee of 1st INTERNATIONAL CONFERENCE “TOWARDS SUSTAINABLE DEVELOPMENT” – TSD 2017 "SUSTAINABLE DEVELOPMENT IN THE WESTERN BALKANS: APPROACHES, SHORT-COMINGS AND CHALLENGES” Skopje • Macedonia • October 27-28, 2017

Member of Scientific Committee of WESTERN BALKAN CONFERENCE IN MATHEMATICS AND APPLICATIONS, (WBCMA2024), September 6-7, 2024, Tirana, Albania

K. Hila (member of Scientific and Programming Committee)

- a. INTERNATIONAL CONFERENCE “MATHEMATICS DAYS IN TIRANA”(MDT2024): "MATHEMATICS AND ITS TEACHING IN THE DIGITAL AGE", December 13-14, 2024, Tirana, Albania.
- b. WESTERN BALKAN CONFERENCE IN MATHEMATICS AND APPLICATIONS, (WBCMA2024), September 6-7, 2024, Tirana, Albania

Summary of Research and Scientific Activity

©2025 Faculty of Mathematical Engineering & Physical Engineering - Polytechnic University of Tirana

- c. WESTERN BALKAN CONFERENCE IN MATHEMATICS AND APPLICATIONS, (WBCMA2023), September 7-9, 2023, Pristina-Kosovo
- d. 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES (ICEAS 2022), November 17-18, 2022, Tirana, Albania.
- e. 1st INTERNATIONAL SCIENTIFIC CONFERENCE IN MATHEMATICS AND PHYSICS, AND THEIR APPLICATIONS (1ST ISCMPA), November 3-4, 2022, Elbasan, Albania.
- f. WESTERN BALKAN CONFERENCE IN MATHEMATICS AND APPLICATIONS, (WBCMA2022), September 1-3, 2022, Pristina-Kosovo
- g. WESTERN BALKAN CONFERENCE IN MATHEMATICS AND APPLICATIONS, (WBCMA2021), June 10-12, 2021, Pristina-Kosovo.
- h. 1ST INTERNATIONAL CONFERENCE: “*Innovation, Mathematics and Information Technology*” ISC-IMIT 2019, November 22-23, 2019, Tirana, Albania
- i. 1ST INTERNATIONAL CONFERENCE: “*Research, Application and Educational Methods*”, May 24, 2019, Korçë-Albania
- j. 2ND INTERNATIONAL CONFERENCE: “*Ideas, experiences and didactic practices for growth of the effectiveness of the transmission of knowledge*”, November 10-11, 2017, Korçë-Albania.
- k. 1ST INTERNATIONAL WESTERN BALKAN CONFERENCE OF MATHEMATICAL SCIENCES (IWBCMS), May 30- June 1, 2013, Elbasan, Albania.
- l. 1ST INTERNATIONAL SCIENTIFIC CONFERENCE: “*European Integration of SEE Countries-Challenges or Reality*”, 23-24 September, 2011, Gjirokastra-Albania.

Sh. Kuka

- a. **Member of Organizing Committee:** “WESTERN BALKAN CONFERENCE ON MATHEMATICS AND APPLICATIONS”(WBCMA2024), 6-7; September 2024, Tirana, Albania
- b. **Scientific Committee (member):** “FIRST NATIONAL CONFERENCE IN MATHEMATICS (1st NMC-2023)” on September 29-30, 2023, Academy of Sciences of Albania, Tirana.
- c. **Scientific Committee (Member) :** “INTERNATIONAL CONFERENCE OF CIVIL ENGINEERING – ICCE 2023”, Tirana, Albania, May 18-20, 2023.
- d. **Participant** in the forum “MATHEMATICS IN PRE-UNIVERSITY EDUCATION,” organized by the Academy of Sciences, May 2023, Tirana, Albania.
- e. **Scientific Committee (Member):** INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES(ICEAS-2022), Organizing by FIMIF, PUT, 2022, Tirana, Albania .
- f. **Head of Organizing Committee:** INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES(ICEAS-2022), Organizing by FIMIF, PUT, 2022, Tirana, Albania.
- g. **Scientific Committee (Member):** INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES(ICEAS-2017), 16-17 November 2017, Organizing by FIMIF, PUT, 2017, Tirana, Albania .
- h. **Head of Organizing Committee:** INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES(ICEAS-2017), 16-17 November 2017, Organizing by FIMIF, PUT, 2017, Tirana, Albania.
- i. **Scientific Committee (Member):** FIRST INTERNATIONAL CONFERENCE ON APPLIED SCIENCES “NEW TECHNOLOGIES AND APPLICATIONS IN MEDICINE” NTAM 2014, 7-8 November 2014, Organizing by FIMIF, Polytechnic University of Tirana & AAMP Tirane, Albania .

Përmbledhje e Veprimtarisë kërkimore-shkencore

©2025 Fakulteti i Inxhinierisë Matematike & Inxhinierisë Fizike- Universiteti Politeknik i Tiranës

A. Naço

- a. Scientific Committee & Organizing Committee (Member): “WESTERN BALKAN CONFERENCE ON MATHEMATICS AND APPLICATIONS”, WBCMA, 6-7; September 2024, Tirana, Albania
- b. Scientific Committee (Member), MASSEE INTERNATIONAL CONFERENCE ON MATHEMATICS MICOM 2018, 18-23 September 2018, Nicosia, Cyprus
- c. Program Committee (Member), CODEMA, IX SEMINAR OF DIFFERENTIAL EQUATIONS AND ANALYSIS, 1ST CONGRESS OF DIFFERENTIAL EQUATIONS, MATHEMATICAL ANALYSIS AND APPLICATIONS, Northern Macedonia, October 30 – November 01, 2020
- d. Management Board (Member), CODEMA, North Macedonia, 2020 (Member), MASSEE 2017 – 2019, 2019 – 2021, 2021 – 2023, 2023 – 2025
- e. Executive Committee (Member), MASSEE 2017 – 2019, 2019 – 2021, 2021 – 2023, 2023 – 2025
- f. MASSEE Council (Member), MASSEE 2019 – 2025
- g. Academy of Sciences of Albania (Member), MASSEE 2019, Member of Commission of Mathematics.

A. Kashuri

a. Member of Organizing Committee

1. Member of Organizing Committee: “WESTERN BALKAN CONFERENCE ON MATHEMATICS AND APPLICATIONS” (WBCMA 2024), Tiranë, Albania.
2. Member of Organizing Committee: “2nd NATIONAL MATHEMATICS CONFERENCE: FUNCTIONAL ANALYSIS AND THEORY OF FUNCTIONS”, 21-22 October 2024, Academy of Sciences of Albania, Tiranë, Albania.
3. Member of Organizing Committee “FOURTH INTERNATIONAL CONFERENCE ON NEW RESEARCH AND ADVANCES ON COMPUTER SCIENCE AND INFORMATION TECHNOLOGY” (NRA-CSIT 2023), Vlorë, Albania.
4. Member of Organizing Committee “THIRD INTERNATIONAL CONFERENCE ON NEW RESEARCH AND ADVANCES ON COMPUTER SCIENCE AND INFORMATION TECHNOLOGY” (NRA-CSIT 2021), Vlorë, Albania.
5. Member of Organizing Committee “SECOND INTERNATIONAL CONFERENCE ON NEW RESEARCH AND ADVANCES ON COMPUTER SCIENCE AND INFORMATION TECHNOLOGY” (NRA-CSIT 2019), Vlorë, Albania.

b. Member of Scientific Committee

1. Member of Scientific Committee “2nd NATIONAL MATHEMATICS CONFERENCE: FUNCTIONAL ANALYSIS AND THEORY OF FUNCTIONS”, 21-22 October 2024, Academy of Sciences, Tiranë, Albania.
2. Member of Scientific Committee “FIRST WESTERN BALKAN CONFERENCE ON MATHEMATICS AND APPLICATIONS” (FWBCMA 2021), Prishtinë, Kosovo.

A. Basholli

- a. **Member of the Organizing Committee** “WESTERN BALKAN CONFERENCE ON MATHEMATICS AND APPLICATIONS,” September 6–7, 2024, in Tirana, Albania.
- b. **Member of the organizing Committee** “INTERNATIONAL CONFERENCE ON APPLIED STATISTICS AND ECONOMETRICS,” Tirana, Albania, in 2017.

E. Xhafaj

- a. **Member of the Scientific Committee** at FIRST INTERNATIONAL CONFERENCE ON NATURAL SCIENCES, MATHEMATICS AND TECHNOLOGY, 26 May 2023, Durres, Albania.
- b. **Moderator** of the FIRST INTERNATIONAL CONFERENCE ON NATURAL SCIENCES, MATHEMATICS AND TECHNOLOGY, 26 May 2023, Durres, Albania
- c. **Member** of the Association of Simulation in Albania, ALBSIM as part of the network of the Federation of European Simulation Associations, EUROSIM,

A. Daci

- a. **Member of Scientific Committee** "TECHNOLOGY & BUSINESS UPDATE", 21 November, 2024, Tirana Business University College
- b. **Member of Scientific Committee** "WESTERN BALKAN CONFERENCE IN MATHEMATICS AND APPLICATIONS (WBCMA 2024)", Tirana, Albania
- c. **Member of Scientific Committee** "UKZ ANNUAL CONFERENCE 2024"
- d. **Conference organizer** of "WESTERN BALKAN CONFERENCE IN MATHEMATICS AND APPLICATIONS (WBCMA 2024)", Tirana, Albania

S. Kovaçi

- a. **Member of the Scientific Committee** WBCMA2024, Tirana, September 6–7, 2024.
- b. **Member of the Organizing Committee and Keynote Speaker** at the INTERNATIONAL CONGRESS ON EDUCATION, SCIENCES AND LEARNING TECHNOLOGY, November 6–10, 2019, in Sarajevo, Bosnia and Herzegovina.
- c. **Member of the Scientific and Organizing Committees** for ICEAS 2017, Tirana on November 16–17, 2017.
- d. **Member of the Scientific and Organizing Committees** for ICEAS 2022, November 17–18, 2022. Tirana, Albania

L. Prifti

- a. **Member of the Organizing Committee** "WESTERN BALKAN CONFERENCE IN MATHEMATICS AND APPLICATIONS" WBCMA September 6-7, 2024, Tirana-Albania.
- b. **Member of the Scientific Committee**, 3rd INTERNATIONAL CONFERENCE SHAPING THE FUTURE: MULTIDISCIPLINARY APPROACHES TO DIGITALIZATION AND ECONOMIC GROWTH. June 15-16, 2023.
- c. **Member of the Scientific Committee and Organizing Committee**, FIRST NATIONAL CONFERENCE OF MATHEMATICS, Tirana, Albania 2023.
- d. **Chair of the Session 7** in FIRST NATIONAL CONFERENCE OF MATHEMATICS, Tirana, Albania 2023.
- e. **Member of the Scientific Committee** of 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES (ICEAS 2022), Tirana, Albania.
- f. **Chair of the Plenary Session** 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES (ICEAS 2022), Tirana, Albania
- g. **Member of the Organizing Committee** of 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES (ICEAS 2022), Tirana, Albania.
- h. **Member of the Scientific Committee** of 2nd INTERNATIONAL CONFERENCE ON "APPLIED SCIENCES AND ENGINEERING" 2017 (ICEAS 2017), Tirana, Albania. Co-Chaired of the Mathematical Analysis and Statistics section.

- i. **Member of the Program Committee** of INTERNATIONAL CONFERENCE SPNA-2014, SPNA-2015.
- j. **Member of the Scientific Committee** of INTERNATIONAL CONFERENCE NTAM-2014, Tirana, Albania
- k. **Member of the Scientific Committees** of the NATIONAL CONFERENCE “ADVANCED STUDIES IN MATHEMATICAL, PHYSICS AND CHEMICAL ENGINEERING” Tirana 28 October 2011.
- l. **Co-Chaired** of the Mathematical Engineering section the NATIONAL CONFERENCE “ADVANCED STUDIES IN MATHEMATICAL, PHYSICAL AND CHEMICAL ENGINEERING” Tirana 28 October 2011, Tirana, Albania.
- m. **Member of the Organizing Committee** of the NATIONAL CONFERENCE “ADVANCED STUDIES IN MATHEMATICAL, PHYSICAL AND CHEMICAL ENGINEERING” Tirana 28 October 2011, Tirana, Albania.

D. Salillari

Member of the organizing Committee “WESTERN BALKAN CONFERENCE ON MATHEMATICS AND APPLICATIONS,” September 6–7, 2024, in Tirana, Albania.

DEPARTMENT OF PHYSICAL ENGINEERING

The Department of Physical Engineering currently consists of 17 academic staff members:

Prof. Dr. Partizan Malkaj	Assoc. Prof. Urim Buzra
Assoc. Prof. Adhurim Hoxha	Dr. Enkelejd Çaç
Assoc. Prof. Altin Gjevori	Dr. Denis Askushaj
Assoc. Prof. Dafina Xhako	Dr. Irma Bërdufi
Assoc. Prof. Dhurata Kuqi	Dr. Matilda Mema
Assoc. Prof. Driada Mitrushi	Dr. Moisi Xhoxhi
Assoc. Prof. Joan Jani	Dr. Nertila Ogreni
Assoc. Prof. Margarita Kuqali	M.Sc. Artan Llozana
Assoc. Prof. Valbona Lame	

Departamenti i Inxhinierisë Fizike (DIF), si njësi bazë e Fakultetit të Inxhinierisë Matematike dhe Inxhinierisë Fizike (FIMIF), UPT, synon të kontribuojë në zgjerimin e fushave të ekspertizës së UPT-së. Departamenti synon përsosjen, konsolidimin e formimit akademik dhe zgjidhjen e problemeve të rëndësishme kërkimore dhe shkencore në shkallë vendi dhe rajoni në fushat e tij specifike të kërkimit.

Misioni i Departamentit të Inxhinierisë Fizike është:

1. Të transmetojë, të zhvillojë e të konsolidojë dijet me anën e mësimdhënies, kërkimit shkencor dhe shërbimeve si edhe të formojë specialistë të lartë në fushën e Fizikës së Aplikuar, të aftë për t'u integruar në tregun të punës (të brendshëm e të jashtëm);
2. Të krijojë një ambient të përshtatshëm për lirinë e mendimit dhe të kërkimit shkencor.

DIF fokusohet në aplikimin e parimeve fizike në inxhinieri dhe teknologji. Ai synon ruajtjen dhe konsolidimin e vlerave akademike e kulturore kombëtare. Veprimtaria e tij është ndërtuar në mënyrë të tillë që të përgatisë individë të kualifikuar, të cilët duke kontribuar në fushën e mësimdhënies apo në fusha të tjera, ndikojnë në zhvillimin ekonomik të mbarë shoqërisë. Departamenti i përmbahet një strategjie të mirëpërcaktuar të mësimdhënies dhe kërkimit shkencor. Kjo gjë realizohet duke vënë në dispozicion të gjitha burimet njerëzore të departamentit. Stafi akademik, në përputhje me fushat e tij të kërkimit shkencor, zhvillon një veprimtari të suksesshme në përputhje me drejtimet e zhvillimit të vetë institucionit. Profilet kërkimore kryesore të DIF në të cilat është orientuar puna e thelluar kërkimore dhe ofrimi i studimeve të ciklit të tretë janë: Shkenca e Materialeve, Energjia dhe Mjedisi, dhe Optikë e Zbatuar.

Ky departament mbulon gjithë disiplinat e fizikës që zhvillohen në të tre ciklet në të gjitha programet e studimit të Universitetit Politeknik të Tiranës

The Department of Physical Engineering (DPE), as a fundamental unit of the Faculty of Mathematical Engineering and Physical Engineering (FMEPE) at PUT, aims to contribute to the expansion of PUT's areas of expertise. The department seeks to enhance and consolidate academic development while addressing significant research and scientific challenges at the national and regional levels within its specific research fields.

Mission of the Department of Physical Engineering:

1. To disseminate, develop, and consolidate knowledge through teaching, scientific research, and services, as well as to train high-level specialists in the field of Applied Physics who are capable of integrating into the job market (both domestically and internationally).
2. To create a conducive environment for freedom of thought and scientific research.

DPE focuses on the application of physical principles in engineering and technology. It aims to preserve and strengthen national academic and cultural values. Its activities are structured to prepare qualified individuals who, by contributing to teaching or other fields, play a role in the overall economic development of society. The department adheres to a well-defined strategy for teaching and scientific research, achieved by leveraging the human resources of the department. The academic staff, in alignment with their scientific research fields, successfully engage in activities consistent with the institution's developmental objectives.

The primary research profiles of DPE, which guide its in-depth research and the provision of third-cycle studies, include: Materials Science, Energy and Environment, Applied Optics.

This department covers all physics disciplines taught across all three study cycles in the programs offered by the Polytechnic University of Tirana.

**ARTIKUJ SHKENCORE TË BOTUAR/PUBLISHED PAPERS IN PEER-
REVIEW JOURNALS**

2025

200. I. Kola, B. Kolgjini, L. Malka, A.B. Owolabi, A.O. Yakub, A.O. Oyedun, **P. Malkaj**, *Pathways toward zero-emission textile industry by 2050: A case study of Albania*, ENERGY REPORTS Vol. 13 (2025), No. 6, 4034-4053.
199. J. Shano, E. Bylyku, **P. Malkaj**, B. Daci, *Evaluating natural radiation levels and mapping their distribution across Albania*, INTERNATIONAL JOURNAL OF ECOSYSTEMS AND ECOLOGY SCIENCE Vol. 15 (2025), No. 1, 239-244.
198. I. Selmani, B. Papajani, **P. Malkaj**, *The dependence of the radiation dose on the angle and the field size for radiation beam with energy 6 MV*, INTERNATIONAL JOURNAL OF ECOSYSTEMS AND ECOLOGY SCIENCE Vol. 15 (2025), No. 1, 157-160.
197. I. Bërdufi, F. Cfarku, E. Musta, D. Mitrushi. “*Estimation of budget uncertainty in a personal dosimetry laboratory*”. WSEAS TRANSACTIONS ON SYSTEMS, Volume 24 (2025), 120 – 128.
196. **D. Xhako**, N. Hyka, E. Spahiu, S. Hoxhaj. *Medical image analysis using deep learning algorithms (DLA)[J]*. AIMS BIOPHYSICS, 2025, 12(2): 121-143.
195. S. Hoxhaj, **D. Xhako**, N. Hyka, E. Spahiu, *COVID-19: A Comprehensive Assessment of the Pandemic’s Impact in Albania*. INTERNATIONAL JOURNAL OF INNOVATIVE TECHNOLOGY AND INTERDISCIPLINARY SCIENCES, Vol. 8 (2025), No. 1, 236–257.
194. **D. Xhako**, **V. Muda**, N. Hyka, S. Hoxhaj, E. Spahiu, *Using QCDLAB2 to Define Lattice Parameter*, WSEAS TRANSACTIONS ON SYSTEMS, Vol. 24 (2025), 59-65.

2024

193. F. Cfarku, **I. Bërdufi**. “*Gross alpha/beta activity determination in drinking water proficiency tests*”. JURNAL ILMIAH ILMU TERAPAN UNIVERSITAS JAMBI, Vol. 8 (2024), No. 2, 820 – 827.
192. **M. Kuqali**, M. Plaku, *Enhancing students’ comprehension of metaphoric terms in physics*. EDELWEISS APPLIED SCIENCE AND TECHNOLOGY, Vol. 8 (2024), No. 6, 7300–7309.
191. **M. Mema**, M. Rumano, E. Xhuvani, K. Kristo. “*Diffuse Reflection in Leaves is the Main Indicator of Evaluating the Activity of the Photosynthetic Apparatus in Fruit Trees*”, UNIVERSAL LIBRARY OF BIOLOGICAL SCIENCES, Vol. 1(2024), No. 1, 19-25.
190. **J. Jani**, “*Numerical Simulation and Analysis of the Duffing System using Python*”, WSEAS TRANSACTIONS ON SYSTEMS Vol. 23 (2024), 301-305.

189. F. Cfarku, **I. Bërdufi**. *Gross alpha/beta activity determination in drinking water proficiency tests*, JURNAL ILMIAH ILMU TERAPAN UNIVERSITAS JAMBI, Vol. 8 (2024), No. 2, pp. 804 – 811.
188. E. Serdari. **U. Buzra**. *The bus selection based on PV curve for the photovoltaic integration into power grid*. JOURNAL OF ENERGY SYSTEMS, 8 (2024), No. 3, 143-52.
187. **M. Mema**, K. Kriso, *Changes in the photosynthetic apparatus in fruit trees during stress periods*, BIODIVERSITY JOURNAL, 15 (2024), No. 3, 701–706.
186. **D. Xhako**, S. Hoxhaj, N. Hyka, E. Spahiu; “*A Critical Analysis of AI’s Purpose in STEM Higher Education*”; NANOTECHNOLOGY PERCEPTIONS; Vol. 20 (2024), No. 11S, pp. 1896-1910.
185. **D. Xhako**, E. Spahiu, N. Hyka, S. Hoxhaj; “*Application of AI in Higher Education: Evidence and Challenges*”; NANOTECHNOLOGY PERCEPTIONS; Vol. 20(2024), No. 11S, pp. 1911-1920.
184. L. Malka, R. Dervishi, **P. Malkaj**, I. Konomi, R. Ormeni, E. Cenaj. *Modelling and Assessing Environmental Impact in Transport to Meet the Sector’s Climate Goals in 2050*. WSEAS TRANSACTIONS ON ENVIRONMENT AND DEVELOPMENT; Vol. 20 (2024), 350-364;
183. **J. Jani**, "Exploring Non-linear Dynamics: Constructing the Bifurcation Diagram of a Damped Driven Pendulum using Python," WSEAS TRANSACTIONS ON SYSTEMS, Vol. 23 (2024), pp. 243-248.
182. **A. Llozana**, A. Zeqiraj, **A. Gjevori**, N. Sylja, N., F. Aliaj. *Thermodynamic excess properties of the methyl tert-butyl ether+benzene+cyclohexane ternary system and its binary subsystems at temperature T=(293.15, 298.15, 303.15, and 313.15) K and ambient pressure*. PHYSICS AND CHEMISTRY OF LIQUIDS, 1–15. (2024).
181. A. Zeqiraj, **A. Llozana**, **A. Gjevori**, T. Arbneshti, R. Krasniqi, V. Elshani, N. Sylja, F. Aliaj. *Densities and Excess Molar Volumes of the Butan-1-ol + Cyclohexane + Benzene Ternary System within the Temperature Range (293.15–333.15) K and under Ambient Pressure*. JOURNAL OF CHEMICAL & ENGINEERING DATA 69 (2024), No. 8, 2700-2712.
180. E. Spahiu, M. Shyti, **I. Bërdufi**. "A preliminary study on determination of radioactivity levels and estimation of the annual effective dose in dried fruits consumed in Albania". RADIATION PROTECTION DOSIMETRY, 2024, 200(4), pp. 403 – 408. ISSN: 0144 – 8420.
179. **M. Mema**, K. Kristo, E. Xhuvani, F. Babani; *The Effect of Solar Radiation on the Structural and Functional Changes of the Photosynthetic Apparatus in Plants*, AFRICAN JOURNAL OF BIOLOGICAL SCIENCES, Vol. 6 (2024), No. 5, pp. 4184-4194.

178. **M. Mema**, K. Kristo, E. Xhuvani. *Reflection of fruit trees under the influence of environmental stresses*, CHELONIAN CONSERVATION AND BIOLOGY, Vol. 19 (2024), No. 1, 1272-1285.
177. **M. Mema**, E. Xhuvani, K. Kristo; *Effect of solar radiation on the fluorescence of green plants*, JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE STUDIES (JMESS), Vol. 10 (2024), Issue 4, 5384-5386.
176. **M. Mema**, K. Kristo, E. Xhuvani; *Fluorescence spectra as an indicator of the influence of environmental conditions on fruit trees*, INTERNATIONAL JOURNAL OF SCIENCE AND RESEARCH ARCHIVE. Vol. 12 (2024), No. 1, 241-245.
175. **M. Mema**, E. Xhuvani, K. Kristo, F. Babani; *Effects of solar radiation on fruit trees*. JOURNAL OF NATURAL SCIENCES, JNS 35 (2024), 219-229.
174. **M. Mema**; *The Influence of Environmental and Climatic Stresses on the Fluorescence of Fruit Trees*, JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE STUDIES (JMEST), Vol. 11 (2024), No. 8, 17073-17076.
173. R. Osmanaj, **D. Xhako**, "A Performance Comparison of Simulateqcd And Fermiqcd Frameworks For Lattice Qcd Calculations", JOURNAL OF NATURAL SCIENCES, 35 (2024), 244-256, ISSN 2305-882X.
172. **D. Xhako**, S. Hoxhaj, N. Hyka, E. Spahiu, **P. Malkaj**, "Artificial Intelligence in Medical Image Processing" INTERNATIONAL JOURNAL OF INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING, Vol. 12 (2024), No. 8S, 549-552.
171. **D. Xhako**, E. Spahiu, N. Hyka, S. Hoxhaj, **P. Malkaj** "Integration of DCNN Model for Brain Tumour Detection with PPIR Simulator" INTERNATIONAL JOURNAL OF INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING, Vol. 12 (2024), No. 8S, 534-538.
170. **V. Muda**, F. Verore, **D. Mitrushi** "Problematics of solar pv implementation in high altitude areas of Vlora". JOURNAL OF NATURAL SCIENCES, JNS 35 (2024), 257-267.

2023

169. A. Hasimi, E. Tako, **P. Malkaj**, E. Çomo, B. Papajani, M. Ndrira, L. Malaj; "Preparation and Characterization of Pure PVA and PVA/MMT Matrix: Effect of Thermal Treatment"; WORLD ACADEMY OF SCIENCE, ENGINEERING AND TECHNOLOGY: INTERNATIONAL JOURNAL OF CHEMICAL AND MATERIALS ENGINEERING; Vol. 17 (2023), No. 8, pp. 101-104.
168. **A. Gjevori**, B. Ziberi, *Influence of doping with Carbon and Nitrogen on the photoactivity of TiO₂ thin films obtained with MePIIID*, MATERIALS AND TECHNOLOGY, Vol. 57 (2023), No. 6, pp. 581-585.
167. **A. Gjevori**, B. Ziberi, *Photoactivity of doped TiO₂ thin films by Ion Sputter Deposition*, ACTA PHYSICA POLONICA A, Vol. 144(2023), No. 3, pp. 135-206.

166. F. Aliaj, **A. Gjevori, A., Llozana**, et al. *Thermophysical Properties of the 2-Methylpropan-1-ol + Cyclohexane + Benzene Ternary System and Its Binary Subsystems Within the Temperature Range (293.15–333.15) K and Under Ambient Pressure*. INTERNATIONAL JOURNAL OF THERMOPHYSICS 44, 113 (2023).
165. A. Zeqiraj, **A. Gjevori, A. Llozana**, N. Sylaj, F. Aliaj, *Thermodynamic Properties of Ethanol + Pyridine, Ethanol + Benzene, and Pyridine + Benzene Mixtures at Temperature 298.15 K and Under Atmospheric Pressure*, INTERNATIONAL JOURNAL OF THERMODYNAMICS, Vol. 26 (2023), No. 1, pp. 048-055.
164. **I. Bërdufi, D. Mitrushi, V. Muda**. “*Feasibility of a small on grid PV system in Albania*”. INTERNATIONAL JOURNAL OF ADVANCED NATURAL SCIENCES AND ENGINEERING RESEARCHES. Vol. 7 (2023), Nr. 7, pp. 14 – 19.
163. **D. Mitrushi, I. Bërdufi, V. Muda**. “*Evaluation of energy losses and performance of small-scale of photovoltaics*”. JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE STUDIES (JMESS), Vol. 9 (2023), no. 5, pp. 5055 - 5060. ISSN: 2458 – 925X.
162. E. Spahiu, M. Shyti, **I. Bërdufi**, F. Cfaraku. “*Assessment of natural and artificial radioactivity levels in some seeds commonly used in Albania*”. INTERNATIONAL JOURNAL OF ECOSYSTEMS AND ECOLOGY SCIENCE (IJEES), Vol.13 (2023), No. 3, pp. 59 - 62. ISSN: 2224–4980.
161. **J. Jani**. “*Simulation of Chaotic Operation of a Damped Driven Pendulum Using Python*”, WSEAS TRANSACTIONS ON ADVANCES IN ENGINEERING EDUCATION, Vol. 20(2023), pp. 1- 6 Print ISSN: 1790-1979. E-ISSN: 2224-3410.
160. **D. Mitrushi, D. Topciu, V. Muda**. *Electricity cost of solar photovoltaics, factors influencing the optimal functioning of the PV system. Case of study National Park of Theth, Albania*. JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE STUDIES (JMESS), Vol. 9 (2023), Issue 5, 5043-5049. ISSN: 2458-925X.
159. **D. Mitrushi, D. Halili, V. Muda**. *Wind Turbine Optimal Selection in South Coast of Albania*. JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE AND TECHNOLOGY (JMEST). Vol. 10 (2023), no. 5. JMESTN42354204.
158. D. Halili, **D. Mitrushi**. *Estimation of Solar Energy Compensation with Electrical Energy for Hot Water Production in the South-Eastern Part of Albania*. JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE AND TECHNOLOGY (JMEST), Vol. 10 (2023), no. 5. JMESTN42354197.
157. D. Halili, **D. Mitrushi**. *Loss In Efficiency of Solar Collectors Due To Inclination Angle*. JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE AND TECHNOLOGY (JMEST). Vol. 10 (2023), no. 5. JMESTN42354202.
156. M. Shehu, **U. Buzra, S. Tola**, L. Abazaj. *Modeling Small Scale Photovoltaic Systems: A guide to identify operational and financial risk for their success-a case study from Berat, Albania*. JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE STUDIES, Vol. 9 (2023), no. 4, 4832-4834. ISSN:2458-925X.
155. **U. Buzra**. *Evaluation of the performance of a 98.4 kWp grid-tied PV system and analysis of the proposed design with different simulation tools*. JOURNAL OF

154. **U. Buzra**, E. Serdari. *A comparison analysis of different PV simulation tools using satellite data*. ELECTRICAL ENGINEERING, 105 (2023), No. 4, 2485–2492.
153. **D. Xhako**, S. Hoxhaj, N. Hyka, R. Zeqirllari, **E. ÇAÇA**, “*The Critical Slowing Of Algorithms In Lqcd Simulations*”, JOURNAL OF NATURAL AND TECHNICAL SCIENCES 2023 (2) Xxviii (58), ISSN: 2074-0867.
152. Ç. Duro, **D. Xhako**, N. Hyka. “*Higher Education Study Programs Orientation on the Applications of Artificial Intelligence*”, MIGRATION LETTERS, 20(S8) (2023), 377–383.
151. **D. Xhako**, N. Hyka, S. Hoxhaj, E. Spahiu, **P. Malkaj**. “*An Overview of Protocol for Quality Control Tests for Diagnostic Radiology Applied by Albmedtech*” JILIN DAXUE XUEBAO (GONGXUEBAN)/JOURNAL OF JILIN UNIVERSITY (Engineering and Technology Edition), Vol: 42 (2023), Issue: 11, pp. 72-84. ISSN: 1671-5497
150. **D. Xhako**, N. Hyka, K. Sallabanda, **P. Malkaj**. “*MRI Image Segmentation with HDBrainExtraction Extension in 3D Slicer*” EUR. CHEM. BULL. 2023,12(Special Issue 7), 4973-4978, doi: 10.48047/ecb/2023.12.si7.429
149. N. Hyka, **D. Xhako**, K. Sallabanda, **P. Malkaj**, “*Using Deep Convolutional Neural Network to Create a DCNN Model for Brain Tumor Detection*” EUR. CHEM. BULL. 2023,12(Special Issue 7), 4979-4989, doi: 10.48047/ecb/2023.12.si7.430.

2022

148. L. Kola, **A. Gjevori**, *Properties of the Zinc layer coating of stainless steel*, INTERNATIONAL SCIENTIFIC JOURNAL “SCIENCE & TECHNOLOGIES”, Volume XII (2022), No. 3, pp. 6-10.
147. **U. Buzra**, M. Tola. *On grid Pv system simulation analysis on the terrace of the faculty building*. JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE STUDIES, Vol. 8 (2022), no. 2, 4330-4333.
146. **U. Buzra**, **D. Mitrushi**, E. Serdari, D. Halili, **V. Muda-Lame**. *Fixed and adjusted optimal tilt angle of solar panels in three cities in Albania*. JOURNAL OF ENERGY SYSTEMS, 6 (2022), No. 2, 153–164.
145. N. Hyka, **D. Xhako**, R. Zeqirllari. “*Lattice space in LQCD from QCCLAB2*”, JILIN DAXUE XUEBAO (GONGXUEBAN)/JOURNAL OF JILIN UNIVERSITY (Engineering and Technology Edition), ISSN: 1671-5497, Vol: 41 (2022), No. 11, DOI 10.17605/OSF.IO/X26MA.
144. N. Hyka, **D. Xhako**, R. Zeqirllari. “*Chiral algorithms in Lattice QCD*”, JILIN DAXUE XUEBAO (GONGXUEBAN)/JOURNAL OF JILIN UNIVERSITY (Engineering and Technology Edition), Vol: 41 (2022), no. 11, DOI 10.17605/OSF.IO/U6RFX.
143. **D. Xhako**, N. Hyka. **E. Noçka**, *Topological Charge of LQCD with QCCLAB*. NEUROQUANTOLOGY., ISSN 13035150, Vol. 20 (2022), Issue 20, pp. 733-744.
142. **D. Xhako**, N. Hyka. *Lattice QCD Simulations in Parallel*. NEUROQUANTOLOGY, , Vol. 20 (2022), Issue 8, pp. 153-159. ISSN 1303-5150.

141. **D. Xhako**, N. Hyka, *Artificial neural networks application in medical images*. INTERNATIONAL JOURNAL OF HEALTH SCIENCES, 6(S2) (2022), 10632–10639.
140. **N. Ogreni**, G. Zavalani, L. Nikolla, A. Sinoimeri. “*Simulation of Mechanical Behaviour of Woven Fabrics at the Scale of Yarns under Multi-Loading*.” SOLID STATE PHENOMENA, vol. 333 (2022), pp. 227–235.

2021

139. L. Kola, **A. Gjevori**, *Measurements of Stress-Strain behaviour Vs. Chemical composition of Iron produced at KURUM International*, INTERNATIONAL SCIENTIFIC JOURNAL “SCIENCE & TECHNOLOGIES”, Vol. XI (2021), No. 3, pp. 6-11.
138. P. Dhoqina, M. Kaçeli Xhixha, K. Bode, **I. Bërdufi**, E. Bylyku, B. Daci, D. Prifti, G. Nafezi, G. Xhixha. *Occupational radiation dose for medical workers at the University Hospital Center “Mother Theresa” in Tirana*. JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, Vol. 328 (2021), pp. 1109 – 1114.
137. G. Nafezi, G. Xhixha, **M. Kuqali**, F. Qengaj, M. Bahtijari, I. Akkurt, *Radon activity concentrations in underground workplaces in Kosovo*, ARABIAN JOURNAL OF GEOSCIENCES 14(2021), ID 2417.
136. R. Osmanaj, **D. Xhako**, *Minimally doubled fermions in Fermi QCD parallel lattice calculations*, INTERNATIONAL JOURNAL OF MULTIDISCIPLINARY AND CURRENT EDUCATIONAL RESEARCH (IJMCER), Vol. 3 (2021), no. 6, pp. 88-92.
135. R. Zeqirllari, K. Peqini, **D. Xhako**, “*The Use of PhET Simulations in Teaching Modality in High Schools in Albania before and during COVID 19-Pandemic*” EUROPEAN JOURNAL OF EDUCATION AND PEDAGOGY, Vol. 2(2021), no. 6, 91-94.

2020

134. F. Aliaj, **A. Gjevori**, N. Sylja, N. Elezaj, B. Ziberi, B. Dalipi, *Physical properties of the binary mixtures of Ethano+Benzene and ethanol+Pyridine at five temperatures under atmospheric pressure*, ACTA PHYSICA POLONICA A, Vol 137 (2020).
133. E. Spahiu, M. Shyti, **I. Bërdufi**. “*Estimation of average annual committed effective dose due to ingestion for some medicinal and herbal plants used in Albania*”. INTERNATIONAL JOURNAL OF ECOSYSTEMS AND ECOLOGY SCIENCE (IJEES), Vol.10 (2020), No. 3, pp. 441 - 446.
132. M. Shyti, F. Cfarku, E. Spahiu, **I. Bërdufi**. “*Determination of long-life radiocesium ¹³⁷Cs in soil by gamma spectrometry in the Western Lowland of Albania*”. INTERNATIONAL JOURNAL OF ECOSYSTEMS AND ECOLOGY SCIENCE (IJEES), Vol.10 (2020), No. 1, pp. 77 - 80. ISSN:2224 – 4980.
131. F. Cfarku, M. Shyti, E. Spahiu, **I. Bërdufi**. “*Long term study of radioactivity in superficial water in Albania*”. INTERNATIONAL JOURNAL OF ECOSYSTEMS AND ECOLOGY SCIENCE (IJEES), Vol. 10 (2020), No. 1, pp. 81 - 86.

130. R. Zeqirllari, **D. Xhako**, N. Hyka, *Application of Gauss - Lanczos Algorithm to Determine Low Modes Density of Dirac Operator*, INTERNATIONAL JOURNAL OF INNOVATIVE TECHNOLOGY AND INTERDISCIPLINARY SCIENCES Vol. 3 (2020), no. 2, pp. 443-450.
129. I. Selmani, **P. Malkaj**. “*The dose profiles in a certain depth*”; JOURNAL OF CHEMICAL, BIOLOGICAL AND PHYSICAL SCIENCES; 10 (3), 2020; 101-107;
128. I. Selmani, **P. Malkaj**. *The Treatment Planning of Rectum Tumours and The Use of The Wedge Filter for Ensuring the Correct Isodoses*; EUROPEAN JOURNAL OF MEDICAL AND HEALTH SCIENCE; 2 (1); 2020;

2019

127. N. Izairi, **A. Gjevori**, F. Ajredini, D. Dehari, R. Bexheti, Sh. Dehari, *Study of PM10 particles and determination of CO₂ and CO in air with IR Spectroscopy*, INTERNATIONAL JOURNAL “KNOWLEDGE”, Vol 35(2019), No 3, 877 – 882.
126. F. Ajredini, **A. Gjevori**, N. Izairi, K. Rasimi, O. Zajkov, *PHET simulations vs real experiments for better understanding electrical resistance*, INTERNATIONAL SCIENTIFIC JOURNAL “SCIENCE & RESEARCH” Vol. III (2019), No. 1, NATURAL AND MATHEMATICAL SCIENCE, pp. 35 – 41.
125. N. Izairi, **A. Gjevori**, F. Ajredini, Sh. Dehari, D. Dehari, M. Ristova, *Effect of sever plastic deformation in changing mechanical properties and production of nanostructured materials*, INTERNATIONAL SCIENTIFIC JOURNAL “SCIENCE & TECHNOLOGIES”, Vol. IX (2019), No. 2, pp. 1-7. ISSN: 1314-4111.
124. **Sh. Kuka**, **A. Gjevori**, *Optimisation of implantation parameters of amorphous TiO₂ thin films by SRIM*, INTERNATIONAL SCIENTIFIC JOURNAL “SCIENCE & TECHNOLOGIES”, Vol. IX (2019), No. 3, pp. 14-19, ISSN: 1314-4111.
123. **I. Bërdufi**, M. Shyti, F. Cfarku. “*Eurados intercomparison results for individual monitoring laboratory in Albania*”. JOURNAL OF NATURAL SCIENCES (BSHN(UT)), Nr. 28 (2019), 122 – 127. ISSN: 2305 - 882X.
122. F. Cfarku, **I. Bërdufi**, M. Shyti, P. Dhoqina. “*The impact of surface types on the measurement of superficial radioactive contamination*”. JOURNAL OF NATURAL SCIENCES(BSHN(UT)), Nr. 28 (2019), 19 – 22. ISSN: 2305 - 882X.
121. **D. Mitrush**, **I. Bërdufi**, E. Serdari, **P. Berberi**. “*Energetic study for renewable sources in Karaburun’s peninsula*”. JOURNAL OF NATURAL SCIENCES (BSHN(UT)), Nr. 28(2019), 199 – 204. ISSN: 2305 - 882X.
120. M. Shyti, E. Spahiu, **I. Bërdufi**. “*Results of the first worldwide proficiency test of Gamma Laboratory in Albania*”. JOURNAL OF NATURAL SCIENCES (BSHN(UT)), Nr. 28 (2019), 23 – 27. ISSN: 2305 - 882X.
119. **Dh. Kuqi**, **M. Kuqali**, R. Myrku, O. Dhima, A. Qehajaj, U. Bitri, A. Ajazi, *Comparison of Co-60 and linac treatment planning for patients with different diagnoses*, JOURNAL OF NATURAL SCIENCES(BSHN(UT)), 28(2019), 163-175.

118. **M. Kuqali, Dh. Kuqi**, J. Shano *Determination of the electromagnetic field in the interiors of FIM&IF*, PUT, JOURNAL OF NATURAL SCIENCES(BSHN(UT)), No. 28(2019), 183-191.
117. R. Zeqirllari, **D. Xhako**. “*Restoring Hypercubic Symmetry in Boriçi-Creutz Fermions*” JOURNAL OF NATURAL SCIENCES(BSHN(UT)), Nr. 27(2019), 37-45.
116. **D. Xhako**, N. Hyka, R. Zeqirllari “*Two-Lattice Algorithm in Lattice QCD Simulations*” BULLETIN OF TECHNICAL SCIENCES, PUT 2019, ISSN 05 62 B 945.
115. **D. Xhako**, R. Zeqirllari, “*Chiral fermions algorithms in lattice QCD*” EAST EUROPEAN JOURNAL OF PHYSICS, Vol. (2019), no. 1, 34-39.
114. **M. Kuqali, Dh. Kuqi**, J. Shano; “*Evaluation of electromagnetic field in the interiors of FIMIF; using EHF-50 low frequency electric and magnetic field analyser up to 400 kHz*”, JOURNAL OF NATURAL SCIENCES, 28(2019), 183-191.
113. D. Halili, P. Berberi, **U. Buzra**, *Influence of Yearly Distribution of Solar Energy on The Feasibility of Solar Collectors in The City of Tirana*. JOURNAL OF NATURAL SCIENCES, Nr. 28 (2019), 176-182.

2018

112. **A. Gjevori**, *Synthesis of nanocomposite systems by mechanical attrition*, SOUTH EAST EUROPEAN JOURNAL OF SUSTAINABLE DEVELOPMENT Vol. 1 (2018), No. 2, pp. 30-33. ISSN: 2545-4463.
111. **D. Xhako**, R. Zeqirllari, “*Fenomeni i ngadalësimit kritik në simulimet rrjetore të QCD*”, BULETINI I SHKENCAVE TË NATYRËS, ISSN 2305-882X, Nr.25/2018.
110. **D. Xhako**, R. Zeqirllari, “*Simulime te QCD-se rrjetore me FermiQCD*”, BULETINI I SHKENCAVE TË NATYRËS, Nr. 25 (2018). ISSN 2305-882X.
109. R. Zeqirllari, **D. Xhako**, “*Minimally doubled fermions and spontaneous chiral symmetry breaking*”, EUROPEAN PHYSICS JOURNAL WEB OF CONFERENCES 175(2018), 04002.

2017

108. **A. Hoxha, A. Gjevori**, *Interdiffusion in the Mg-rich and Al-rich solid solutions of the Mg-Al binary alloy*, INTERNATIONAL SCIENTIFIC JOURNAL “SCIENCE & TECHNOLOGIES”, Volume VII (2017), No. 3, pp 109-114.
107. **A. Gjevori, A. Hoxha**, “*Investigation of thin film properties produced by energetic ions deposition*”. INTERNATIONAL SCIENTIFIC JOURNAL “SCIENCE & TECHNOLOGIES”, Volumi VII (2017), No. 3, pp. 115-121.
106. **A. Hoxha**, D. Heger, “*The growth of beta phase in the gamma-brass-copper diffusion couple*”. MATERIALS AND TECHNOLOGY 51 (2017), No. 1, 105–110.
105. **D. Askushaj, T. Mulaj**, *Early age autogenous shrinkage of concrete using fly ash and lime stone powder*, JOURNAL OF APPLIED SCIENCES – SUT, vol. 12017, No. 3-4, 1857 – 9930.

104. **M. Mema**, F. Babani, K. Kristo, E. Xhuvani., *The reflection spectra of the tree leaves in the presence of solar radiation in three positions*. JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE STUDIES (JMESS), Vol. 3 (2017), no. 4, 1631-1635.
103. **M. Mema**, F. Babani, K. Kristo, E. Xhuvani, *Changing leaves spectral properties of variety Santa Maria (pear) in the presence of environmental stresses*. JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE STUDIES (JMESS), Vol. 3 (2017), Issue 2, 1387-1391.
102. E. Serdari, **P. Berberi**, **V. Muda**, **U. Buzra**, **D. Mitrushi**, D. Halili, **I. Bërdufi**, “*A Methodology for Optimal Selection of a Wind Power Conversation System Based on Economic Analysis*”, JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE AND TECHNOLOGY (JMEST), Vol. 4 (2017), no. 3.
101. G. Notton, **D. Mitrushi**, L. Stoyanov, **P. Berberi**; *Operation of a photovoltaic-wind plant with a hydro pumping-storage for electricity peak-shaving in an island context*. SOLAR ENERGY JOURNA Vol. 157 (2017), pp. 20-34.
100. F. Shala, G. Xhixha, M. Kaçeli, F.Hasani, E.Xhixha, M. Shtyri, **Dh. Kuqi**, M. Qafleshi “*Natural radioactivity in cements and raw materials used in Albanian cement industry*”, ENVIRONMENTAL EARTH SCIENCES Vol. 76 (2017), ID 670.
99. S. Baci, E. Telhaj, **P. Malkaj**. “*Source skin distance dependence of response of in vivo exit dose diode detectors used in external radiotherapy*”. INTERNATIONAL SCIENTIFIC JOURNAL: SCIENCE. BUSINESS. SOCIETY 2 (2) (2017), 46-50;

2016

98. **D. Askushaj**, **T. Mulaj**, *The Influence of Solvent exchange on porosity of cement pastes identified by mercury intrusion porosimetry*, JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE AND TECHNOLOGY, Vol. 3 (2016), issue 12, 6281-6284.
97. **I. Bërdufi**, **P. Berberi**. “*Inverter Losses Analysis of 4.68KW Rooftop Grid Connected Photovoltaic System in Tirana: Inverter losses analysis of a grid connected PV system*”. JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE AND TECHNOLOGY (JMEST) Vol. 3 (2016), Issue 5, pp. 4811-4814.
96. **I. Bërdufi**, **P. Berberi**, **D. Mitrushi**, D. Halili. “*Përzgjedhja e modelit empirik energjetik të funksionimit të një sistemi fotovoltaiik të lidhur në rrjet*”. BULETINI SHKENCOR (UNIEL), SERIA E SHKENCAVE TË NATYRËS. Maj 2016. ISSN 2221 – 5969.
95. **D. Mitrushi**, **P. Berberi**, **I. Bërdufi**, D. Topçiu et. al. “*Potenciali i energjisë diellore dhe performanca energjetike në aplikimin e sistemeve fotovoltaiik në Shqipëri*”. BULETINI SHKENCOR (UNIEL), SERIA E SHKENCAVE TË NATYRËS. Maj 2016. ISSN 2221-5969.
94. **M. Mema**, F. Babani, K. Kristo, **E. Zhuri (Hida)**. *Determination of dominant wavelength on green plants in the presence of environmental stresses*. JOURNAL

93. E. Serdari, **P. Berberi, V. Muda, U. Buzra, D. Mitrushi**, D. Halili, “*Wind Profile Characteristics and Energy Potential Assessment For Electricity Generation at the Karaburun peninsula, Albania*”. JOURNAL OF CLEAN ENERGY TECHNOLOGIES (JOCET). Vol. 5 (2017), No. 4, 310-313.
92. D. Halili, **P. Berberi, D. Mitrushi, V. Muda-Lame**, *Shpërndarja Rajonale e Potencialit Të Energjisë Diellore Në Shqipëri Dhe Kostot E Prodhimit Të Energjisë Elektrike Me Anë Të Sistemeve Fotovoltaike*. BULETINI SHKENCOR (UNIEL), SERIA E SHKENCAVE TË NATYRËS. 2016. ISSN 2221-5969.
91. G. Nafezi, V. Jaupotič, **M. Kuqali**, V. Gregorič, G. Hodolli, D. Kikaj, Z. Mulaj, M. Bahtijari, *Exposure to radon in dwellings in the Pristina region in the vicinity of two lignite-fired power plants*, JOURNAL OF CHEMICAL, BIOLOGICAL AND PHYSICAL SCIENCES. Section D; Vol. 6(2016), No. 1, pp. 71-79.
90. L. Daci, **P. Malkaj**, A. Xhumari, L. Bregu. “*Clinical cases in SRS Radiotherapy, Albania*”; JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE AND TECHNOLOGY; Vol. 3 (2016), No. 3, pp. 4286-4289;
89. S. Baci, E. Telhaj, **P. Malkaj**. “*Silicon Diode Signal Dependence on Temperature In High Energy Photon Radiotherapy*”. INTERNATIONAL SCIENTIFIC JOURNAL "SCIENCE. BUSINESS. SOCIETY. Vol. 1(2016), No. 1, pp. 22-25;
88. L. Daci, **P. Malkaj** “*Dedicated Linac Commissioning for Radiosurgery Treatments, in Albania*”, JOURNAL OF MULTIDISCIPLINARY ENGINEERING SCIENCE AND TECHNOLOGY ISSN: Vol. 3 (2016), Issue 2, pp. 4059-4062.

2015

87. O. Çati, **M. Mema**, E. Telhaj, E. Bakiu. *Design a radiotherapeutic treatment plan in head*. SCIENTIFIC BULLETIN, SERIES OF NATURAL SCIENCES (USH), No. 65 (2015), 31-38.
86. L. Kola, **A. Llozana, A. Gjevori**, B. Ziberi, *Influence of time and temperature on the zinc layer coating of stainless steel*, INTERNATIONAL SCIENTIFIC JOURNAL “SCIENCE & TECHNOLOGIES”, Vol. V (2015), No. 3, pp. 51-55.
85. **A. Hoxha, A. Gjevori**, *Activation energies for diffusion in the intermetallic of Cu/Zn diffusion couple*, INTERNATIONAL SCIENTIFIC JOURNAL “SCIENCE & TECHNOLOGIES”, Vol. V (2015), No. 3, pp. 1-5, ISSN: 1314-4111.
84. N. Izairi, F. Ajredini, **A. Gjevori**, L. Kola, A. Vevecka, M. Ristova, *Enhancement of mechanical properties of nanostructured materials by severe plastic deformation*, “JAS-SUT” JOURNAL OF APPLIED SCIENCES, Vol 1 (2015), No. 2, pp. 76-81.
83. **A. Hoxha, J. Jani**, “*The Diffusion Coefficients of Cu and Zn in A- and H-Solid Solutions*”, INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH, VOL. 4 (2015), No. 6, pp. 173-176.

82. **M. Xhoxhi, J. Jani, P. Malkaj** “Analysis of Phase Error and Cross Talk for the Young Interferometer Immunosensor”, IOSR JOURNAL OF APPLIED PHYSICS (IOSR-JAP), Vol. 7 (2015), Issue 6 Ver. II, pp. 71-77
81. **J. Jani, P. Malkaj**, “Evaluating the synchronization of a chaotic encryption scheme using different channel parameters”, IOSR JOURNAL OF ELECTRICAL AND ELECTRONICS ENGINEERING (IOSR-JEEE), Vol. 10 (2015), No. 1, pp. 32-35. e-ISSN: 2278-2834, p- ISSN: 2278-8735.
80. **M. Xhoxhi** A. Dudia A. Ymeti, *Interferometric Evanescent Wave Biosensor Principles and Parameters*, IOSR JOURNAL OF APPLIED PHYSICS (JAP), Vol. 7 (2015), Issue 6 Ver. I, 84-96. e-ISSN: 2278-4861
79. **Dh. Kuqi, P. Malkaj, Sh. Kuka, M. Kuqali, A. Hoxha, T. Mulaj, M. Goga, H. Dokuzi**. *Evaluation of electromagnetic fields for frequencies 900 Mhz-1800MHz, in Tirana*, INTERNATIONAL JOURNAL OF SCIENTIFIC AND TECHNOLOGY RESEARCH, Vol. 4 (2015), no. 7, pp. 58-62 ISSN 2277-8616.
78. **M. Kuqali**, S. Babuin and J. Niemela, *Effect of periodic bottom plate heating on large scale flow in turbulent Rayleigh-Bénard convection*, JOURNAL OF APPLIED FLUID MECHANICS, Vol. 8 (2015), No. 3, pp. 483–489.
77. B. Papajani, E. Qoku, **P. Malkaj** “The Study of Phase Compound and the Degree of Crystallinity of Recycled LDPE by Xray Diffractometer and Optical Microscope”, INTERNATIONAL JOURNAL OF SCIENCE AND RESEARCH 4 (2015), No. 2, pp. 2228-2232.
76. **E. Çaçã**, *Maps of S-Z effect on Clusters of Galaxies*, IOSR JOURNAL OF APPLIED PHYSICS. Vol. 7 (2015), Issue 3, Ver. III, pp. 56-62.
75. **E. Çaçã**, *Change on The S-Z Effect Induced By The Cooling Flow (CF) On The Hot Electronic Gas At The Center OF The Clusters Of Galaxies*, INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH Vol. 4 (2015), issue 06, pp. 86-95.

2014

74. **J. Jani, P. Malkaj**, “Numerical Calculation of Lyapunov Exponents in Various Nonlinear Chaotic Systems”, INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH, Vol. 3 (2014), Issue 7, 87-90.
73. **J. Jani** “Sisteme jo-lineare dhe prezenca e kaosit n“e ato”, REVISTA SHKENCORE LOGOS, Vellimi 2, 2014, Tirane, Albania, ISSN: 2308-2208.
72. **M. Xhoxhi, P. Malkaj T. Mulaj**, A. Dudia, A. Ymeti, *Multimode Interference Biosensor Working With Multiple Wavelengths And Two Polarizations*, INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH (IJSTR), Vol. 3 (2014), Issue 7, pp. 314-320. ISSN: 2277-8616
71. B. Papajani, T. Dilo, **P Malkaj**, *Study of the Crystallization Kinetics of Pure Isotactic and Recycled Polypropylene*, BULLETIN OF NATURAL SCIENCES (UT), Vol. 17(2014), pp. 115-126.

70. G. Nafezi, A. Gregoric, J. Vaupotic, M. Bahtijari, **M. Kuqali**, *Radon levels and doses in dwellings in two villages in Kosovo, affected by depleted uranium*, RADIATION PROTECTION DOSIMETRY, 158(3) (2014), pp. 331–339, nct231.
69. N. Hyka, **D. Xhako**, Th. Karaja, E. Telhaj: “*Calculation Methods in Radiotherapy Using MATLAB*”, JOURNAL INTERNATIONAL ENVIRONMENTAL APPLICATION SCIENCE, No. 2 (2014), 205-210.
68. **D. Xhako**, A. Boriçi, “*Fast algorithms for simulating chiral fermions in U(1) lattice gauge theory*”, AMERICAN JOURNAL OF PHYSICS AND APPLICATION, Vol. 2 (2014), No. 2, pp. 67-72. ISSN: 2330-4308.
67. **D. Xhako**, R. Zeqirllari, A. Boriçi, “*Improving the calculation results of lattice spacing from quark potential*”, ALBANIAN JOURNAL OF NATURAL AND TECHNICAL SCIENCES, Vol IX (2014).
66. E. Telhaj, E. Kozma, F. Ruçi, **P. Malkaj**: “*Geometric uncertainties and the determination of CTV-PTV margin for pelvic area using EPID*”; ALBANIAN JOURNAL OF NATURAL AND TECHNICAL SCIENCES; No. 3 (2014).
65. E. Bakiu, E. Telhaj, **P. Malkaj**: “*Kontrolli i llogaritjeve të sistemit të planit të trajtimit*”; SHKENCAT TEKNIKE, Nr. 1 (2014).
64. **E. Çaç** *The Effect of Colling Flow (CF) on the temperature profile of the hot electronic gas and the calculation of the Compton parameter Y_0* . ALBANIAN JOURNAL OF NATURAL AND TECHNICAL SCIENCES, Vol. XIX (3) (2014).
63. **U. Buzra**, P. Berberi. *Perdorimi i analizes shume faktoriale per integrimin e burimeve alternative te energjise per nje rajon te vecuar*. REVISTA "OPTIME", viti i V-te i Botimit, Nr. 2, Tetor 2014. ISSN: 2220-461X.

2013

62. **V. Muda, A. Gjevori, P. Malkaj**, E. Caci, E. Qoku, L. Kola, *Evaluation of Water Demand in Cement*, SCIENTIFIC BULETIN OF UE, No. 2 (2013), pp. 93-97. ISSN: 2221-5956
61. **M. Kuqali**, *Rayleigh Benard convection in a cell of aspect ratio of one*, ADVANCES IN PHYSICS THEORIES AND APPLICATIONS, Vol 15 (2013), 5-10.
60. **D. Xhako**, R. Zeqirllari, A. Boriçi, “*Planar Wilson Loops for Deriving Interquark Potential in Lattice QCD*”, ANGLISTICUM, Vol. 2 (2013), Nr. 5, 60-67.
59. E. Gavoci, M.G. Procopio, P. Mesirca, **Dh. Kuqi**, I. Zironi, D. Remondini, SH. Ahmetaga, F. Bersani: “*Tri-axial magnetic field exposure system for a patch-clamp set-up*” JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY”, Vol. 14 (2013), No 3, pp. 1115-1122.
58. G Xhixha, A. Ahmeti, G.P. Bezzon, M. Bitri, C. Broggin, G.P. Buso, A. Caciolli, I. Callegari, F. Cfarku, T. Colonna, G. Fiorentini, E. Guastaldi, F. Mantovani, G. Massa, R. Menegazzo, L. Mou, D. Prifti, C. Rossi Alvarez, **Dh. Sadiraj Kuqi**, M. Shyti, L. Tushe, M Xhixha Kaçeli, A Zyfi. “*First characterization of natural radioactivity in building materials manufactured in Albania*” RADIATION

PROTECTION DOSIMETRY, 155 (2013), No. 2, 217-23.

57. P. Berberi, S. Thodhorjani, P. Hoxha, **V. Muda** “Photovoltaics: between a bright outlook and uncertainty” ENERGY SCIENCE AND ENGINEERING, Vol. 1 (2013), issue 2, pp. 72–80.
56. E. Bakiu, E. Telhaj, E. Kozma, F. Ruçi, **P. Malkaj**: “Comparison of 3D CRT and IMRT Treatment Plans”, ACTA INFORMATICA MEDICA, 2013; pp. 211-212;
55. B. Papajani, **P. Malkaj**, T. Dilo. “Time and temperature dependence of creep modulus of elastomers: a mathematical analysis of the creep, using burger model”, INTERNATIONAL JOURNAL OF ECOSYSTEMS AND ECOLOGY SCIENCE, Vol. 3 (2013), No. 2, pp. 307-314;
54. N. Hyka, **D. Xhako**, E. Telhaj, Th. Karaja, Comparison Between Different Dosimetric Tools Applications in Radiotherapy. ANGLISTICUM. Vol. 2 (2013), No. 5, pp. 222–227.
53. N. Hysa, E. Spahiu, **D. Xhako**, **P. Malkaj**, T Karaja. Linac Photon Beam Calibration Using Virtual Simulator Program. ANGLISTICUM Vol. 2 (2013), No. 4, pp. 353-360.
52. E Bakiu, E Telhaj, F Ruci, E Kozma, **P Malkaj**, Determination of a CTVPTV margin for the pelvic area using an electron portal imaging device (epid), ALBANIAN JOURNAL OF NATURAL AND TECHNICAL SCIENCES, Vol. 9 (2013), No. 35, 27-34.

2012

51. **M. Kuqali**, J. Niemela, **Dh. Kuqi**, E. Gavoci, The setup of Rayleigh – Bénard apparatus. BULETIN SHKENCOR (USH), SERIA E SHKENCAVE TE NATYRËS, 62 (2012), 15-22.
50. **Dh. Kuqi**, E. Gavoci, M. Kuqali: “Analysis of “The Ionic Resonance’s” hypothesis, as a possible interaction mechanism of ELF fields with biosystems”, BULETIN SHKENCOR (USH), SERIA E SHKENCAVE TE NATYRËS, N. 62 (2013), 23-34.
49. **Dh. Kuqi**, E. Gavoci, **M. Kuqali**, **A. Hoxha**, **J. Jani**. ‘Evaluation of the Uniformity of the Magnetic Field Created by a Three-Square-Coil Exposure System” BULETINI I SHKENCOR I UNIVERSITETIT TË ELBASANIT, SERIA E SHKENCAVE TË NATYRËS (4), 2012.
48. **P. Berberi**, P. Hoxha, S. Theodhorjani, **V. Muda**. “Photovoltaics: Between bright outlook and uncertainties,” ENERGY SCIENCE & ENGINEERING, Vol. 1 (2013), No. 2, 72–80.

2011

47. **A. Gjevori**, J.W. Gerlach, D. Manova, W. Assmann, E. Valcheva, S. Mändl, Influence of Auxiliary Plasma Source and Ion Bombardment on Growth of TiO₂ Thin Films, SURFACE & COATINGS TECHNOLOGY, Pages S232–S234 (2011).
46. E. Gavoci, **Dh. Kuqi**, **M. Kuqali**, Studimi eksperimental i efekteve të një kombinimi të fushës magnetike DC dhe të një fushe AC mbi rrymat jonike të

Përmbledhje e Veprimtarisë kërkimore-shkencore

©2025 Fakulteti i Inxhinierisë Matematike & Inxhinierisë Fizike- Universiteti Politeknik i Tiranës

kanaleve qelizore, AKTET: JOURNAL OF INSTITUTE ALB-SHKENCA, Vol. IV (2011), No. 3, pp. 372-376.

45. **D. Xhako**, A. Boriçi, “*Invertimi i operatorit të mbulimit me anë të algoritmit me dy rrjeta në QCD-në rrjetore*”, AKTET: JOURNAL OF INSTITUTE ALB-SHKENCA, Vol. IV (2011), No. 3, ISSN 2073-2244.
44. E. Gavoçi, **Dh. Kuqi, M. Kuqali** “*Experimental study of a combined AC and DC magnetic field effects on ion current of cell channels*” AKTET: JOURNAL OF INSTITUTE ALB-SHKENCA, Vol. IV (2011), No. 3, pp. 372- 376.
43. E. Sotja, **P. Malkaj**, Dh. Sotja. “*Generation and Analyses of Guided Waves in Planar Structures*”; ENGINEERING, 3(2011), No. 5, 532-537;

2010

42. **A. Gjevori**, K. Nonnenmacher, D. Manova, B. Ziberi, D. Hirsch, J.W. Gerlach, S. Mändl, *Investigation of photoactive TiO₂ thin films obtained by MPIIID*, AKTET: JOURNAL OF INSTITUTE ALB-SHKENCA Vol. III(2010), Nr. 2, ISSN 2073-2244.
41. M.P. Hantias, **I. L. Giannis**, G.S. Tombras “*Chaotic operation by a single transistor circuit in the reverse active region*”, CHAOS 20, 013105 (2010).

2009

40. **A. Gjevori**, K. Nonnenmacher, B. Ziberi, D. Hirsch, J.W. Gerlach, D. Manova, S. Mändl, *Investigation of nucleation and phase formation of photocatalytically active TiO₂ thin films by MePBIID*, NUCLEAR INSTRUMENTS AND METHODS IN PHYSICS RESEARCH B 267 (2009), pp. 1658-1661.
39. D. Manova, **A. Gjevori**, F. Haberkorn, J. Lutz, S. Dimitrov, J.W. Gerlach, E. Valcheva and S. Mändl, *Formation of hydrophilic and photocatalytically active TiO₂ thin films by plasma based ion implantation and deposition*, PHYSICA STATUS SOLIDI A 206 (2009), No. 1, 71-77.
38. **M. Kuqali**, J. Niemela, *Study of the Periodicity of 'Wind' in Spiral Thermal Convection*, BULETIN SHKENCOR (ULG), SERIA E SHKENCAVE TE NATYRËS, 59 (2009), 36-44.
37. **Dh. Kuqi**, Th. Karaja “*Study of the three circular coils system with cylindrical symmetry and the uniformity of the magnetic field composed from its*” BULLETIN OF TECHNICAL SCIENCES, PUT, V 1, p. 49, 2009.
36. E. Gavoçi, M. Procopio, **Dh. Kuqi**, F. Bersani “*Simulation and construction of a magnetic field generation system for a patch clamp set up – and preliminary experiments on the effect of the ELF fields*” BULLETIN SCIENCE OF US, V 59 p. 12-27, 2009.

2008

35. **A. Gjevori**, K. Nonnenmacher, B. Ziberi, D. Hirsch, J.W. Gerlach, D. Manova, S. Mändl, H. Sykja, *Investigation of the Phase Formation of Photoactive TiO₂ Thin Films via MePBIID*, SCIENTIFIC BULETIN OF UE, (25) 2008/4, pp. 189.

34. **A. Hoxha**, N. Sylaj, Sh. Klinaku, “*Studime të Migrimit të Kufirit të Kokrrizave që Induktohet nga Difuzioni në Çiftin Cu/Zn*”. SCIENTIFIC BULETIN OF UE, Series of Natural Sciences 4 (2008), pp. 210 – 219.
33. **M. Kuqali**, J. Niemela, *Transient temperature fluctuations.*, AKTET: JOURNAL OF INSTITUTE ALB-SHKENCA, Vol. II (2008), No. 2, 213-217.
32. **M. Kuqali**, J. Niemela, *The study of "wind" coherence in thermal vortex convection*, BULLETIN OF TECHNICAL SCIENCE (PUT). Tirane 2008.
31. **Dh. Kuqi**, E. Gavoçi, Th. Karaja “*Proprieties’ of the Exposure system of three couple coils’ square*” AKTET: JOURNAL OF INSTITUTE ALB-SHKENCA, Vol.II (2008), pp. 7-12.
30. **Dh. Kuqi**, Th. Karaja “*The exposure system in the uniform magnetic field and non-magnetic control with double-wrapped coil systems*” BULLETIN OF TECHNICAL SCIENCE, PUT V 1 p. 49, 2008.
29. E. Dalas, **P. Malkaj**, Z. Vasileiou, D.G. Kanelopoulou. “*The effect of Leucine on the crystal growth of calcium phosphate*”, JOURNAL OF MATERIAL SCIENCE: MATERIALS IN MEDICINE, 19 (2008), No. 1, 277-282.
28. **V. Muda**. “*Enhancement of Electrical and Optical Properties of Thin Silicon Cells Using Surface Plasmons*” BULETINI SHKENCOR, UNIVERSITETI I VLORES “ISMAIL QEMALI”, 2008.

2007

27. **P. Malkaj**, E. Dalas, D.G. Kanelopoulou, A. Chrisanthopoulos, D. Sevantos. “*Calcite particle formation in the presence of soluble polyvinyl-alcohol matrix*”, POWDER TECHNOLOGY, 177 (2007), 71-76.
26. **P. Malkaj**, E. Dalas. “*The effect of acetaminophen on the crystal growth of calcium carbonate*”, JOURNAL OF MATERIAL SCIENCE: APPLIED IN MEDICINE, **Vol. 18** (2007), No. 5, 871-875.
25. E. Vitoratos, S. Sakkopoulos, E. Dalas, **P. Malkaj**, Ch. Anestis. “*d.c. conductivity and thermal aging of conducting zeolite/polyaniline and zeolite/polypyrrole blends*”, CURRENT APPLIED PHYSICS, Vol. 7 (2007), No. 5, 578-581.
24. M. De Petris, L. Lamagna, G. Luzzi, S. De Gregori, E.S. Battistelli, L. Bonavera, **E. Çaçça**, R. Coratella, V. Lattanzi, F. Mancini, A. Orlando, G. Savini, S. Stefani, C. Tombari, F. Vasciarelli, G. Vetrani, *MITO: A “creative approach” for Sunyaev–Zel’dovich effect observations from ground*, NEW ASTRONOMY REVIEWS, Vol. 51 (2007), Issues 3–4, pp. 368-373.

2006

23. A. Chrissanthopoulos, **P. Malkaj**, E. Dalas. “*Calcium phosphate crystallization on polyglycine, polytyrosine and polymethionine*”, MATERIALS LETTERS 60 (2006), No. 29-30, pp. 3874- 3878.
22. **P. Malkaj**, E. Dalas. “*Calcium phosphate formation in the presence of taurine*”, MATERIALS LETTERS Vol. 60 (2006), No. 8, 1043- 1046.

Përmbledhje e Veprimtarisë kërkimore-shkencore

©2025 Fakulteti i Inxhinierisë Matematike & Inxhinierisë Fizike- Universiteti Politeknik i Tiranës

21. **P. Malkaj**, E. Vitoratos, E. Dalas, S. Sakkopoulos. “*pH Electrodes Constructed from Polyaniline/zeolite and Polypyrrole/zeolite Conductive Blends*”, JOURNAL OF APPLIED POLYMER SCIENCE Vol. 101 (2006), No. 3, 1853-1856.
20. **P. Malkaj**, E. Pierri, E. Dalas. “*Calcium carbonate crystallization in the presence of taurine*”, JOURNAL OF MATERIAL SCIENCE: APPLIED IN MEDICINE Vol. 17 (2006), No. 5, 403-406.
19. A. Mangood, **P. Malkaj**, E. Dalas. “*Hydroxyapatite crystallization in the presence of acetaminophen*”, JOURNAL OF CRYSTAL GROWTH Vol. 290 (2006), No. 2, 565-576.
18. A. Gorana, **P. Malkaj**: “*Përsiatje mbi bashkëveprimet, lëndën dhe fushën*”, KURRIKULA DHE SHKOLLA/Fizikë (Instituti i Kurrikulave dhe Standarteve), Nr. 9 (2006), pp. 101-108.

2005

17. N. Syla, G. Schreiber, **A. Hoxha**, **A. Gjevori**, H. Mehmeti, T. Dilo, *Hulumtimi metalografik i shtresës së difuzionit të krijuar gjatë gaznitimit të çelikeve me përlidhje kromi*, SCIENTIFIC BULETIN OF UE, (16) 2005/2, pp. 105-115.
16. **P. Malkaj**, E. Pierri, E. Dalas. “*The crystallization of Hydroxyapatite in the presence of sodium alginate*”, JOURNAL OF MATERIAL SCIENCE: APPLIED IN MEDICINE Vol. 16 (2005), No. 8, 733- 737.
15. S. Sakkopoulos, E. Vitoratos, E. Dalas, N. Kyriakopoulos, **P. Malkaj**, T. Argyreas: “*Shrinking rate of conducting grains in HCl-protonated polyaniline, polypyrrole, and polypyrrole/polyaniline blends with their thermal aging*”, JOURNAL OF APPLIED POLYMER SCIENCE Vol. 97 (2005), No. 1, 117-122.
14. **A. Gjevori**, E. Boneti, **A. Hoxha**, I. Prifti, L. Pasquini, “*Synthesis and Characterization of Structured Pure Nano Iron*”. SCIENTIFIC BULETIN OF UE, SERIES OF NATURAL SCIENCES (16) 2005/2, pp. 116 – 126.

2004

13. **P. Malkaj**, E. Dalas. “*Calcium carbonate crystallization in the presence of aspartic acid*”, CRYSTAL GROWTH & DESIGN Vol. 4 (2004), No. 4, pp. 721-723,
12. **P. Malkaj**, J. Kanakis, E. Dalas. “*The effect of Leucine on the crystal growth of calcium carbonate*”, JOURNAL OF CRYSTAL GROWTH 266(4), 2004; 533-538.
11. **P. Malkaj**, A. Chrisanthopoulos, E. Dalas. “*Understanding nucleation of calcium carbonate on gallium oxide using computer simulation*”, JOURNAL OF CRYSTAL GROWTH 264 (2004), No. 1-3, pp. 430-437.
10. E. Dalas, E. Vitoratos, S. Sakkopoulos, **P. Malkaj**. “*Polyaniline/zeolite as the cathode in a novel gel electrolyte primary dry cell*”, JOURNAL OF POWER SOURCES, 128 (2004), No. 2, pp. 319-325.
9. Th. Karaja, **P. Malkaj**. “*The study of conductivity mechanisms in the polypyrrole-polyaniline composites*”, ALBANIAN JOURNAL OF NATURAL AND TECHNICAL SCIENCES, Nr. IX (2004), No. 1, pp. 3-10.

Summary of Research and Scientific Activity

©2025 Faculty of Mathematical Engineering & Physical Engineering - Polytechnic University of Tirana

8. Th. Karaja, **P. Malkaj**, “Studimi in vitro i kalçifikimit të valvulave të zemrës me teknikat XRD, FT-IR dhe SEM”, STUDIME BIOLOGJIKE, Nr. 4 (2004), pp. 57-66.

2003

7. **P. Malkaj**, Th. Karaj, E. Dalas, *The Role of the Amino Acid Taurine in the Crystallization Mechanism of Sparingly Soluble Salts Under In Vitro Conditions*, AKTET: JOURNAL OF INSTITUTE ALB-SHKENCA, Vol. 2(2003), No. 3, 27-30.

2002

6. **P. Malkaj**, E. Dalas. *Effect of metallocene dichlorides on the crystal growth of Calcium Carbonate*, JOURNAL OF CRYSTAL GROWTH 242 (2002), No. 3-4, 405-411.
5. **P. Malkaj**, A. Chrissanthopoulos, E. Dalas. *The overgrowth of Calcium Carbonate hexahydrate on new functionalized polymers*, JOURNAL OF CRYSTAL GROWTH 242 (2002), No. 1-2, pp. 233-238.
4. F. Manoli, J. Kanakis, **P. Malkaj**, E. Dalas. “*The effect of aminoacids on the crystal growth of Calcium Carbonate*”, JOURNAL OF CRYSTAL GROWTH 236 (2002), No. 1-3, pp. 363-370.

2001

3. E. Bonetti, L. Del Bianco, **A. Gjevori**, L. Pasquini and L. Savini, *Structure and thermal stability of ball-milled Fe-FeOxide mixtures*, JOURNAL OF METASTABLE AND NANOCRYSTALLINE MATERIALS, Vol. 9 (2001), pp. 37-41.
2. J. Kanakis, **P. Malkaj**, J. Petroheilos, E. Dalas. “*The Crystallization of Calcium Carbonate on Porcine and Human Cardiac Valves and the Antimineralization Effect of Sodium Alginate*” JOURNAL OF CRYSTAL GROWTH 223 (2001), No. 4, pp. 557-564.
1. Th. Karaja, **P. Malkaj**. “*The conductivity degradation of polypyrrole and polyaniline composites during the aging process*”, ALBANIAN JOURNAL OF NATURAL AND TECHNICAL SCIENCES, No. II (2001), pp. 34-38.

REFERIME NE KONFERENCA – PRESENTATIONS IN CONFERENCES

297. **A. Llozana**, **A. Gjevori**, A. Zeqiraj, N. Sylja, F. Aliaj. *Densities and sound speeds of ternary mixtures methyl tertbutyl ether+cyclohexane + benzene and their binary subsystems at a temperature 298.15 K and under ambient pressure*. THE 34th INTERNATIONAL SCIENTIFIC CONFERENCE, June 06-07, 2024, Stara Zagora, Bulgaria

296. **Dh. Kuqi**, E. Zeneli, **M. Kuqali**, “The monitoring and assessment of electromagnetic fiends near one or more base stations for telecommunication systems”; THE INTERNATIONAL CONFERENCE ON RADIATION APPLICATIONS IN PHYSICS, CHEMISTRY, BIOLOGY, MEDICAL SCIENCE, ENGINEERING AND ENVIRONMENT SCIENCES, (RAP 2024), June 10-12 2024, University of Granada, Spain.
295. **M. Kuqali**, Gj. Rrota, G. Nafezi, **Dh. Kuqi**: “Indoor Radon Levels at historical area of Shkodra city”; THE INTERNATIONAL CONFERENCE ON RADIATION APPLICATIONS IN PHYSICS, CHEMISTRY, BIOLOGY, MEDICAL SCIENCE, ENGINEERING AND ENVIRONMENT SCIENCES, (RAP 2024), June 10-12 2024, University of Granada, Spain.
294. Gj. Rrota, **M. Kuqali**, G. Nafezi, **Dh. Kuqi**: “Indoor Radon Levels at FIMKIF, PUT”; THE INTERNATIONAL CONFERENCE ON RADIATION APPLICATIONS IN PHYSICS, CHEMISTRY, BIOLOGY, MEDICAL SCIENCE, ENGINEERING AND ENVIRONMENT SCIENCES, (RAP 2024), June 10-12 2024, University of Granada, Spain
293. **A. Gjevori**, **A. Llozana**, A. Zeqiraj, N. Sylja, F. Aliaj. *Thermophysical properties of the 1-propanol + cyclohexane + benzene ternary system and its binary subsystems at the temperature 298.15 K and under ambient pressure*. 34TH INTERNATIONAL SCIENTIFIC CONFERENCE, June 06-07, 2024, Stara Zagora, Bulgaria.
292. **A. Gjevori**. *Photoactivity of TiO₂*. 6TH INTERNATIONAL CONFERENCE OF NATURAL SCIENCES AND MATHEMATICS. 15-17 May, 2024, Tetova, Republic of North Macedonia.
291. **E. Çaç**, *Simulations of comptonization parameter from x-ray satellite data, temperature models comparison and 4-channel simulations*. 34TH INTERNATIONAL SCIENTIFIC CONFERENCE, June 06-07, 2024, Stara Zagora, Bulgaria.
290. **E. Çaç**, *Cooling flow correction to the sunyaev-zel'dovich effect on abell 773 galaxy cluster*. BILSEL INTERNATIONAL TRUVA SCIENTIFIC RESEARCHES AND INNOVATION CONGRESS, 25-26 MAY, 2024 ÇANAKKALE / TÜRKİYE.
289. **P. Malkaj**; L. Malaj; A. Hasimi; E. Bushi, B. Myftari, G. Mataj, S. Këllici, E. Troja; *Study of the Modification of PVA Polymer Properties, with Potential Applications for Drug Encapsulation*"; 7TH MEDICAL PHARMACY CONFERENCE; TIRANA, MARCH 2024, Albania.
288. **M. Mema**, E. Xhuvani, K. Kristo; *Fluorescence ratio F690/F735 main indicator of adaptation of fruit trees to the environment*. INTERNATIONAL CONFERENCE ON ENVIRONMENT AND LIFE SCIENCE (EUCELS), EURASIAWEB INTERNATIONAL CONFERENCE, Lyon, 04-07-2024, France.
287. **M. Mema**; *The influence of climatic and environmental factors on the evaluation of the photosynthetic apparatus on pear leaves*. THIRTY-FIFTH INTERNATIONAL CONFERENCE ON: “SOCIAL AND NATURAL SCIENCES – GLOBAL CHALLENGE 2024” (ICSNS XXXV-2024), Paris - 25 June 2024, France.

286. **M. Mema**, K. Kristo, E. Xhuvani, F. Babani; *Fluorescence spectra as the main indicator of the functioning of the photosynthetic apparatus in plants*. THE XXXIV INTERNATIONAL ONLINE SCIENTIFIC CONFERENCE, June 6-7 2024, Stara Zagora- Bulgaria.
285. **M. Mema**, E. Xhuvani, K. Kristo, F. Babani; *Activity Of The Photosynthetic Apparatus In Plants Under The Influence Of Direct Solar Radiation*, INTERNATIONAL CONFERENCE ON ENVIRONMENT, CLIMATE AND EARTH SCIENCES 9 - 10 May, 2024, Tirana, Albania.
284. F. Cfarku, **I. Bërdufi**, E. Spahiu, M. Shyti. “*Validation of the method of gross alpha beta radioactivity measurement through international comparisons*”. INTERNATIONAL CONFERENCE ON RADIATION APPLICATIONS IN PHYSICS, CHEMISTRY, BIOLOGY, MEDICAL SCIENCES, ENGINEERING AND ENVIRONMENTAL SCIENCES, 10–12 June 2024, University of Granada, Spain.
283. A. Ylli, F. Mitrushu, M. Shyti, **I. Bërdufi**, F. Ylli. “*Evaluation of dose rate and dose uniformity of radiation field in Cs-137 gamma ray irradiation unit and X-ray irradiation unit*”. INTERNATIONAL CONFERENCE ON RADIATION APPLICATIONS IN PHYSICS, CHEMISTRY, BIOLOGY, MEDICAL SCIENCES, ENGINEERING AND ENVIRONMENTAL SCIENCES, 10–12 June 2024, University of Granada, Spain.
282. S. Hoxhaj, E. Spahiu, **D. Xhako**, N. Hyka, “*A critical analysis of AI's purpose in STEM higher education*” EJONS 17th INTERNATIONAL CONGRESS "ARTIFICIAL INTELLIGENCE AND SOCIETY: THEORY TO PRACTICE" August 21-22, 2024/ Konya, Türkiye.
281. **D. Xhako**, E. Spahiu, S. Hoxhaj, N. Hyka, “*The Application of AI-based Techniques for Early Detection of Breast Cancer (BC)*” THE INTERNATIONAL CONFERENCE ON RADIATION APPLICATIONS (RAP 2024), 10-12 June 2024, Granada, Spain.
280. **D. Xhako**, S. Hoxhaj, E. Spahiu, N. Hyka, “*Cancer Risk Evaluation for High-Dose Chest CT Examination During the COVID-19 Pandemic*” THE INTERNATIONAL CONFERENCE ON RADIATION APPLICATIONS (RAP 2024), 10-12 June 2024, Granada, Spain.
279. E. Spahiu, **D. Xhako**, S. Hoxhaj, N. Hyka, “*Advancements in Brain Tumor Detection through Deep Learning Techniques in MRI Imaging*” THE XXXIV INTERNATIONAL ONLINE SCIENTIFIC CONFERENCE, 6-7 June 2024, Stara Zagora, Bulgaria.
278. S. Hoxhaj, **D. Xhako**, E. Spahiu, N. Hyka, “*How the examinations during the COVID 19 will affect the evolution of tumors in the future*” THE XXXIV INTERNATIONAL ONLINE SCIENTIFIC CONFERENCE, 6-7 June 2024, Stara Zagora, Bulgaria.
277. E. Spahiu, **D. Xhako**, S. Hoxhaj, N. Hyka, “*An overview of medical images analysis for breast cancer detection*” BILSEL INTERNATIONAL KORYKOS

SCIENTIFIC RESEARCHES AND INNOVATION CONGRESS, 10-11 May 2024, Mersin, Turkey.

276. E. Spahiu, **D. Xhako**, S. Hoxhaj, N. Hyka, “A review of AI Techniques and Technologies used in Medical Images Analysis” BILSEL INTERNATIONAL GORDION SCIENTIFIC RESEARCHES CONGRESS, 09-10 March 2024, Ankara, Turkey.
275. S. Hoxhaj, **D. Xhako**, E. Spahiu, N. Hyka, “The impact of radiological examinations during the covid -19 in the number of tumors in the future” BILSEL INTERNATIONAL GORDION SCIENTIFIC RESEARCHES CONGRESS, 09-10 March 2024, Ankara, Turkey.
274. **D. Xhako**, N. Hyka, E. Spahiu, S. Hoxhaj, “Using Eudmodel to Calculate the Tumor Control Probability in Medical Images” 7th INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY SCIENTIFIC STUDIES, February 3-5, 2024, Istanbul, Turkey.
273. A. Qamili, A. **Hoxha**, J. Minga, “Comparative Study of Electrical Conductivity of Polymer-based Composites Using Matlab”. THE 20TH INTERNATIONAL CONFERENCE IN MULTIDISCIPLINARY SCIENCES ON “INNOVATION AND SUSTAINABILITY: CHALLENGES FOR A BETTER FUTURE”. Tiranë, 2024.
272. **A. Gjevori**, B. Ziberi. Influence of doping with carbon and nitrogen on photoactivity of TiO₂ thin films by PVD. NANOBALKAN2023 INTERNATIONAL CONFERENCE, October 16-20, 2023, Tirana, Albania.
271. **Dh. Kuqi, M. Kuqali**, A. Seitllari. “Monitoring and evaluation of electromagnetic fields near some base stations for telecommunication systems in some areas of Tirana”; NANOBALKAN2023 INTERNATIONAL CONFERENCE, October 16-20, 2023, Tirana, Albania
270. **I. Bërdufi**, F. Cfarku, M. Shyti. “Occupational radiation exposure for dental radiation workers and diagnostic radiology workers in Albania”. 1st INTERNATIONAL CONFERENCE ON PIONEER AND INNOVATIVE STUDIES (ICPIS 2023). Konya, Turkiye, 2023.
269. **P. Malkaj, E. ÇAÇA**; Problematika me mangësitë e formimit të studentëve që vijnë në degët e UPT; IKF; Akademia e Shkencave e Shqipërisë; Mars 2023;
268. **M. Mema**, E. Lilaj, **P. Malkaj**. Përdorimi i inteligjencës artificiale (AI) në monitorimin e marrjes së barnave dhe efektivitetit të terapive të pacienteve. 11th NATIONAL CONGRESS OF MEDICAL SCIENCE, 5-7 May 2023, Tiranë, Albania.
267. J. Shano, **M. Mema**, I. Kafexhia, **P. Malkaj**, E. Bylyku; Studimi i vlerës së rrezatimit në materialet e ndërtimit të përdorura në ndërtesat e ndërtuara para viteve 90 dhe atyre pas viteve 90, 11th NATIONAL CONGRESS OF MEDICAL SCIENCE, 5-7 May 2023, Tiranë, Albania.
266. S. Hoxhaj, E Spahiu, **D. Xhako**, N. Hyka, “The impact of radiological examinations during the COVID 19 in the number of tumors in the following years in Albania” THE INTERNATIONAL CONGRESS ON SCIENTIFIC RESEARCH CONFERENCE, 28-29 November 2023, ISKAD Institute, Turkey.

265. E. Spahiu, S. Hoxhaj, **D. Xhako**, N. Hyka, *The use of AI algorithms for identifying key parameters in medical images*. THE INTERNATIONAL CONGRESS ON SCIENTIFIC RESEARCH CONFERENCE, 28-29 November 2023, ISKAD Institute, Turkey.
264. **D. Xhako**, N. Hyka, S. Hoxha, U. Bitri, **P. Malkaj**, “*Evaluation of quality radiologic devices using RTI evaluation method and comparing the results with international standards*” "NANOBALKAN2023 INTERNATIONAL CONFERENCE", Tirana, Albania, October 16-20, 2023.
263. R. Osmanaj, **D. Xhako**, E. Habilaj "Real and Virtual Physics Laboratories in High Schools, Case Study Albania", 11th ANNUAL INTERNATIONAL CONFERENCE ON PHYSICS, 10 -13 July 2023, Athens, Greece.
262. N. Hyka, **D. Xhako**, **P. Malkaj**, “*Evaluation Of Radiology Devices Quality Compared To Cocir Standards And The Problems Observed During The Facing Of The Covid 19 Pandemic*”, INTERNATIONAL CONFERENCE ON RADIATION APPLICATIONS (RAP 2023), Attica, Greece, from May 29 to June 2, 2023.
261. **D. Xhako**, N. Hyka, K. Sallabanda, **P. Malkaj**, *MRI Image Segmentation with HDBrainExtraction Extension in 3D Slicer*, INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE IN MEDICAL APPLICATIONS (ICAIMA - 23), 8th Jun - 9th Jun'2023, Hamburg, Germany.
260. **D. Xhako**, N. Hyka, K. Sallabanda, R. Zeqirllari, **P. Malkaj**, **J. Jani**, “*Development of auto-segmentation models for medical images processing*” THE SECOND CONFERENCE ORGANIZED BY THE NATIONAL INSTITUTE OF PHYSICS (NIP) 28-29 April, 2023, Academy of Sciences of Albania.
259. **A. Gjevori**, L. Kola. *Investigation of structural properties of TiO₂ thin films by MPIII&D*. 32TH INTERNATIONAL SCIENTIFIC CONFERENCE, June 02-03, 2022, Stara Zagora, Bulgaria.
258. **A. Gjevori**. *Investigation of structural properties of TiO₂ thin films*. THE 3RD INTERNATIONAL CONFERENCE ON APPLIED SCIENCES AND ENGINEERING. 17-18 November 2022, Tirana, Albania.
257. **A. Gjevori**, L. Kola. *Influence of phase composition on photocatalytic activity of TiO₂ thin films by MePIIID*. 4TH INTERNATIONAL CONFERENCE OF NATURAL SCIENCES AND MATHEMATICS, 18-19 May 2022, Tetova, North Macedonia.
256. **I. Bërdufi**, E. Spahiu, M. Shyti, E. Bylyku. “*Determination of the radioactivity level of concrete level used as shielding for medical ⁶⁰Co source*”. INTERNATIONAL CONFERENCE ON RADIATION APPLICATIONS. 06 – 10 June 2022, Thessaloniki, Greece. Aristotle University’s Research Dissemination Center (KEDEA).
255. **I. Bërdufi**, E. Spahiu, M. Shyti. “*Uncertainty estimation in Individual Monitoring – Part I*”. The 11th INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION (BPU11). 28 August-1 September 2022, Beograd, Serbia.

254. **I. Bërdufi**, E. Spahiu, M. Shyti. “*Uncertainty estimation in Individual Monitoring – Part II*”. The 11th INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION (BPU11). 28 August-1 September 2022, Beograd, Serbia.
253. E. Spahiu, **I. Bërdufi**, M. Shyti. “*Preliminary investigation of naturally occurring radionuclides in some spices used in Albania*”. INTERNATIONAL CONFERENCE ON RADIATION APPLICATIONS. 06 – 10 June 2022, Thessaloniki, Greece. Aristotle University’s Research Dissemination Center (KEDEA).
252. E. Spahiu, **I. Bërdufi**, M. Shyti, F. Cfarku. “*Monitoring cosmogenic and terrestrial radionuclides in ground level air samples by gamma spectrometry in Albania*”. INTERNATIONAL CONFERENCE ON RADIATION APPLICATIONS. 06 – 10 June 2022, Thessaloniki, Greece.
251. **M. Kuqali, Dh. Kuqi**, *Indoor Radon Monitoring in two seasons in the public kindergartens of Tirana city*, INTERNATIONAL CONFERENCE ON RADIATION APPLICATIONS. 06 – 10 June 2022, Thessaloniki, Greece.
250. E. Spahiu, **I. Bërdufi**, M. Shyti. “*Determination of radioactivity in soil samples and evaluation of excess lifetime cancer risk in Albania*”. The 11th INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION. Beograd, Serbia, 2022.
249. **J. Jani**, “*The Transition from Order to Chaos of a Non-Linear System Using Computational Techniques*”, THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, ICEAS 2022, 17-18 November 2022, Tirana, Albania
248. **J. Jani**, “*Numerical Integration of Delay Differential Equations Using Python Programming Language and Comparing with Matlab Methods*”, INTERNATIONAL EUROPEAN CONFERENCE ON INTERDISCIPLINARY SCIENTIFIC RESEARCHES, January 28-29, 2022 Valencia, Spain.
247. **J. Jani**, R. Basha, “*A Prototype Autonomous Vehicle for Research and Rescue Based on Arduino Uno Microcontroller*”, INTERNATIONAL LIBERTY INTERDISCIPLINARY STUDIES CONFERENCE, January 16-17, 2022, Manhattan, New York.
246. **U. Buzra**, D. Halili, **D. Mitrushi**. *Optimal design of hybrid PV-Wind-Battery systems for supply of Microgrids*. 1-st INTERNATIONAL SCIENTIFIC CONFERENCE IN MATHEMATICS AND PHYSICS, AND THEIR APPLICATIONS (1-st ISCMPA), 03 – 04 November 2022. University of Elbasan, Albania.
245. **D. Mitrushi, U. Buzra, V. Muda, P. Berberi**. *Analysis of a pump-turbine energy storage system to increase the level of renewable energy*. The 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES (ICEAS 2022), 17-18 November 2022, Tirana, Albania.
244. **V. Lame, D. Mitrushi, U. Buzra**. *Critical review for renewable energy in Albania, the possibility of complementarity of energy resources*. The 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES (ICEAS 2022), 17-18 November 2022, Tirana, Albania.

243. **Dh. Kuqi. M. Kuqali**, F. Ferati. *Monitoring and evaluation of high frequency electromagnetic fields near wifi devices, in some environments of the Polytechnic University of Tirana*. The 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES (ICEAS 2022), 17-18 November 2022, Tirana, Albania
242. E. Serdari. **U. Buzra**. *The bus selection based on PV curve for the photovoltaic integration into power grid*. 2ND INTERDISCIPLINARY CONFERENCE ON MECHANICS, COMPUTERS AND ELECTRICS, ICMECE 6-7 October 2022, Barcelona, Spain.
241. **U. Buzra, D. Mitrushi**, D. Topciu. *Properly design of PV power systems*; FIRST CONFERENCE ORGANIZED BY THE NATIONAL INSTITUTE OF PHYSIC40(NIP)10 - 11 February 2022, Academy of Sciences of Albania.
240. **D. Mitrushi**. *Analysis of a pump-turbine storage system to increase the level of renewable energy*. 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, 17-18 November 2022. Tiranë, Albania.
239. **P. Malkaj**. "The use of DSC technique for membrane characterization applicable in industry". NANOTECHNOLOGIES FOR 21st CENTURY (workshop between Spain, Japan and Albania; October 2022.
238. **P. Malkaj**; A. Hasimi; "Use of TMDSC Techniques in the Pharmaceutical, Food, Medical Industries, etc."; THE NANOALB BRANCH OF KOSOVO IN COLLABORATION WITH THE UNIVERSITY OF PRISHTINA AND THE ACADEMY OF SCIENCES AND ARTS OF KOSOVO; June 2022.
237. J. Shatro; **P. Malkaj**; "Establishment of CT diagnostic reference levels in Albania"; 10TH MEDICAL CONFERENCE, Tirana, May 2022, Albania.
236. **D. Xhako**, N. Hyka, R. Zeqirllari, "Solving Large Numerical Simulation in LQCD", 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, (ICEAS 2022), 17 – 18 November 2022, Tirana, Albania.
235. R. Osmanaj, **D. Xhako**, K. Peqini, "Teaching Based Ranking of Departments Using PageRank", ICPICP 2022:INTERNATIONAL CONFERENCE ON PHYSICS, INFORMATION AND COMPUTATIONAL PHYSICS, September 20-21, 2022, Lisbon, Portugal.
234. **E. Çaç**, **D. Xhako**, R. Zeqirllari, "Changes introduced by Cooling Flow (CF) effect, on Sunyaev-Zaldovich (S-Z) inverse Compton effect, profiling the hot electronic plasma on Clusters of Galaxie", The 11th CONFERENCE OF THE BALKAN PHYSICAL UNION (BPU11 Congress) 28 August to 1 September 2022, Belgrade, Serbia.
233. R. Zeqirllari, **D. Xhako**, **E. Çaç**, *Lattice QCD simulations using Borici - Creutz fermions*. The 11th CONFERENCE OF THE BALKAN PHYSICAL UNION (BPU11) 28 August-1 September 2022, Belgrade, Serbia.
232. N. Hyka, **D. Xhako**, G. Halilaj, *An overview on medical imaging system in Albania during the COVID-19 pandemic*, The 11th CONFERENCE OF THE BALKAN PHYSICAL UNION (BPU11). 28 August-1 September 2022, Belgrade, Serbia.

231. **D. Xhako**, N. Hyka, R. Zeqirllari, **E. Çaç**, *A Parallelized Soft for Lattice QCD Simulations*, The 11th CONFERENCE OF THE BALKAN PHYSICAL UNION (BPU11) 28 August to 1 September 2022, Belgrade, Serbia.
230. N. Hyka, E. Haloci, **D. Xhako**, “*The physics properties of AeroGels in drug delivery*”, 2nd INTERNATIONAL CONFERENCE ON AEROGELS FOR BIOMEDICAL AND ENVIRONMENTAL APPLICATIONS, 28 June-01 July 2022, Athens, Greece.
229. **D. Xhako**, N. Hyka, R. Zeqirllari “*Setting the Lattice Space in LQCD Using QCCLAB2*” INTERNATIONAL CONFERENCE ON SCIENTIFIC RESEARCH AND INNOVATION 2022 (ICSRI 2022) 10-11 Prill 2022, Cincinnati, Ohio, USA.
228. **E. Çaç**, **D. Xhako**, R. Zeqirllari “*Comparison between Cooling flow model an Isothermal model, estimating S-Z effect*” THE FIRST CONFERENCE ORGANIZED BY THE NATIONAL INSTITUTE OF PHYSICS (NIP) 10 - 11 February 2022, Academy of Sciences of Albania.
227. **E. Çaç**, **D. Xhako**, R. Zeqirllari “*Sunyajev Zel’dovich effect from Cluster of Galaxy*” THE FIRST CONFERENCE ORGANIZED BY THE NATIONAL INSTITUTE OF PHYSICS (NIP) 10 - 11 February 2022, Academy of Sciences of Albania.
226. N. Hyka, **D. Xhako**, “*Perspective of Using Artificial Intelligence in Diagnostic Imagins*” THE FIRST CONFERENCE ORGANIZED BY THE NATIONAL INSTITUTE OF PHYSICS (NIP) 10 - 11 February 2022, Academy of Sciences of Albania.
225. R. Zeqirllari, **D. Xhako**, **E. Çaç**, *Properties of Boriçi - Creutz fermions as minimally doubled lattice fermions*, THE FIRST CONFERENCE ORGANIZED BY THE NATIONAL INSTITUTE OF PHYSICS (NIP) 10 - 11 February 2022, Academy of Sciences of Albania.
224. **D. Xhako**, N. Hyka, R. Zeqirllari, **E. Çaç** “*The Critical Slowing of Algorithms in LQCD simulations*” THE FIRST CONFERENCE ORGANIZED BY THE NATIONAL INSTITUTE OF PHYSICS (NIP) - 11 February 2022, Academy of Sciences of Albania.
223. R. Firanj, L. Kurti, O. Çakaj, I. Bakiri, A. Ylli, **V. Muda**, **A. Gjevori**, F. Ylli *Detection Of Microplastics in Marine Sediments Near the Estuary of “Erzen” River Using Spectroscopic Methods*” THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES (ICEAS 2022), 17-18 November 2022, Tirana, Albania.
222. **A. Hoxha**, “*Diffusion mechanisms in Cu-Sn, Fe-Zn and Mg-Al diffusion couples*”. THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, ICEAS 2022. 17-18 November 2022, Tirana, Albania.
221. **A. Hoxha**, “*The evolution of the average values of micro hardness in the diffusion layer of the Mg-Al couple*”. THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, ICEAS 2022. 17-18 November 2022, Tirana, Albania.
220. **A. Gjevori**. *Properties of TiO₂ thin films produced by IBSD*. 31TH INTERNATIONAL SCIENTIFIC CONFERENCE, June 03-04, 2021, Stara Zagora, Bulgaria.

219. **A. Gjevori**, S. Mändl. *Influence of energetic deposition processes on the photoactivity of TiO₂ thin films with access to deposition methods and surface analytics*. 1ST WORKSHOP NANOALB-NIC, March 16th 2021 – Online Meeting.
218. **J. Jani**, M. Kurtulaj, “*The Maxwell Distribution of Molecular Speeds Generated by Monte Carlo Simulation Techniques*”, INTERNATIONAL ANTALYA SCIENTIFIC RESEARCH AND INNOVATIVE STUDIES CONGRESS, 18-21 December 2021, Antalya, Turkiye.
217. **M. Kuqali, Dh. Kuqi**, R. Firanj, *A preliminary study of the electromagnetic field exposure of the population living near high voltage power lines of 110 kV and 220 kV in Tirana City, Albania*, NINTH INTERNATIONAL CONFERENCE ON RADIATION IN VARIOUS FIELDS OF RESEARCH, June 14-18, 2021, MONTENEGRO.
216. **N. Ogreni**, G. Zavalani, A. Sinoimeri, L. Nikolla, *Simulation Of Mechanical Behaviour Of Woven Fabrics At The Scale Of Yarns Under Multi-Loading*. AUTEX 2021 - 20th WORLD TEXTILE CONFERENCE, September 5-9, 2021, Guimaraes, PORTUGAL
215. **N. Ogreni**, A. Sinoimeri, L. Nikolla, *Simulation of Mechanical Behaviour Of Woven Fabrics At The Scale Of Yarns Under Multi-Loading*. 9th INTERNATIONAL TEXTILE CONFERENCE & 3RD INTERNATIONAL CONFERENCE ON ENGINEERING AND ENTREPRENEURSHIP, 18-19 November 2021 Tirana, ALBANIA.
214. **U. Buzra**. *Simulation of a PV grid tied PV system in terrace of FIM&IF building*. THE XXXI INTERNATIONAL SCIENTIFIC ONLINE CONFERENCE OF THE UNION OF SCIENTISTS, 3-4 June, 2021, Stara Zagora, Bulgaria.
213. **U. Buzra. D. Mitrushi**. E. Serdari. D. Topciu, **V. Muda**. *Determining of optimal tilt angle of solar panels in three cities in Albania*. 9th EUROPEAN CONFERENCE ON RENEWABLE ENERGY SYSTEMS, ECRES 21-23 April 2021, Istanbul/Turkey
212. **D. Mitrushi. U. Buzra**. D. Topciu. E. Serdari. **V. Muda**. *The possibility of integrating electricity through renewable sources in Sazani island*. 9th EUROPEAN CONFERENCE ON RENEWABLE ENERGY SYSTEMS, ECRES 21-23 April 2021, Istanbul/Turkey.
211. D. Halili, E. Serdari, **D. Mitrushi, U. Buzra**. *Level of meeting the needs for solar energy for hot water production in the Ionian coast of Albania*. 9th EUROPEAN CONFERENCE ON RENEWABLE ENERGY SYSTEMS, ECRES 21-23 April 2021, Istanbul/Turkey.
210. D. Halili, **D. Mitrushi, U. Buzra, V. Muda-Lame**, *Life Cycle Cost of Electrical Energy Produced by Photovoltaics in Western Part of Albania*”, 9TH INTERNATIONAL TEXTILE CONFERENCE & 3RD INTERNATIONAL CONFERENCE ON ENGINEERING AND ENTREPRENEURSHIP 2021.
209. **D. Mitrushi**, D. Halili, **U. Buzra, V. Muda**, “*Complementary study of renewable energy sources for the southern part of Albania*”, 9th INTERNATIONAL TEXTILE

CONFERENCE & 3RD INTERNATIONAL CONFERENCE ON ENGINEERING AND ENTREPRENEURSHIP 2021.

208. **P. Malkaj; M. Mema:** *Education of the Medical Physicist and the Dynamics of Educational Curricula*"; MEDICAL PHYSICS FORUM: "DEVELOPMENTS, ORGANIZATION, AND PERSPECTIVES OF MEDICAL PHYSICS IN ALBANIA"; 2021.
207. **P. Malkaj;** A. Hasimi; "Study of the crystalline morphology of polymers used in organic electronics, tissue engineering and pharmaceuticals"; NANOALB; ACADEMY OF SCIENCES OF ALBANIA; 2021.
206. **D. Xhako,** N. Hyka, "The Escalation of Chiral Fermion Algorithms with Quark Mass in Lattice QCD" 2nd ISPA 2021 (THE 2ND INTERNATIONAL SYMPOSIUM ON PHYSICS AND APPLICATIONS, 13 - 14 November 2021. Indonesia.
205. R. Zeqirllari, **D. Xhako,** "Hypercubic symmetry restoration of Boriçi-Creutz fermions: costs and effects ", THE 38TH INTERNATIONAL SYMPOSIUM ON LATTICE FIELD THEORY LATTICE 2021, 26-30 July, USA.
204. **D. Xhako,** N. Hyka, R. Zeqirllari "Two-grid overlap solver in lattice QCD", THE 38TH INTERNATIONAL SYMPOSIUM ON LATTICE FIELD THEORY LATTICE 2021, 26-30 July, USA.
203. R. Zeqirllari, **D. Xhako,** K. Peqini "QC DLAB2, A Learning Tool for Students in Lattice QCD", 9th ANNUAL INTERNATIONAL CONFERENCE ON CHEMISTRY 19-22 July 2021, Athens, Greece.
202. N. Hyka, **D. Xhako,** "How chest CT radiation dose of patients with confirmed COVID-19 will impact the cancer risk in the future" THE 3RD EUROPEAN CONGRESS OF MEDICAL PHYSICS, June 16-19, 2021, Torino, Italy.
201. **A. Gjevori.** *Nucleation and Phase Formation of Photoactive TiO₂ Thin Films by MPIII&D.* 1ST WORKSHOP OF NANOALB (ALBANIAN UNIT OF NANOSCIENCE AND NANOTECHNOLOGY) ACADEMY OF SCIENCES OF ALBANIA, 23 January 2020, Tirana, Albania.
200. **P. Malkaj,** E. Dalas, E. Vitoratos, S. Sakkopoulos. *The use of conducting composite polymers of PANI and PPY in different electrochemical devices.* 2nd EDITION OF THE 1&2D MATERIALS INTERNATIONAL CONFERENCE AND EXHIBITION (1&2DM): January 28-29, 2020. Tokyo, Japan.
199. **P. Malkaj.** *Biomedical developments in tumour treatments in Albania.* THE CONFERENCE "SEEIIST MEETS INDUSTRY", April 1-3, 2020, Sarajevo, Bosnia and Herzegovina.
198. **A. Hoxha,** D. Heger, H. Oettel, "Nanomaterials, nanosystems and characterisation tools". 1ST WORKSHOP OF NANOALB (ALBANIAN UNIT OF NANOSCIENCE AND NANOTECHNOLOGY) ACADEMY OF SCIENCES OF ALBANIA, January 23d, 2020 Tirana, Albania.

197. **U. Buzra**, D. Halili, **V. Muda**, **D. Mitrushi**. *Optimum Fixed Tilt Angle of Solar Panels in Different Cities in Albania*, 10th INTERNATIONAL CONFERENCE OF ECOSYSTEMS, June, 25-26, 2020 Tirana, Albania
196. **A. Gjevori**, N. Izairi, F. Ajredini, Sh. Dehari. *Thin Film Deposition Using Pvd*. XXIII INTERNATIONAL SCIENTIFIC CONFERENCE KNOWLEDGE IN PRACTICE, 12–15 December, 2019 Bansko, Bulgaria.
195. **A. Gjevori**, N. Izairi, F. Ajredini, *Influence of ion doping on photoactivity of TiO₂ thin films by MEPIII&D*. 29TH INTERNATIONAL SCIENTIFIC CONFERENCE, June 06-09, 2019, Stara Zagora, Bulgaria.
194. **Sh. Kuka**, **A. Gjevori**, "Optimisation of implantation parameters of amorphous TIO₂ thin films by SRIM", XXIX INTERNATIONAL SCIENTIFIC CONFERENCE of the Union of Scientists, 6 - 7 June 2019 in Stara Zagora, Bulgaria.
193. **Dh. Kuqi**, **M. Kuqali**, R. Myrku, O. Dhima, A. Qehajaj, U. Bitri, A. Ajazi, *Comparison of CO-60 and linac treatment planning for patient with different diagnoses*", 1st CONFERENCE ON APPLIED PHYSICS, 20-22 Nëntor 2019, Tiranë, Albania.
192. **M. Kuqali**, **Dh. Kuqi**, J. Shano; "Evalutation of electromagnetic field in the interiors of FIMIF;" 1st CONFERENCE ON APPLIED PHYSICS, 20-22 Nëntor 2019, Tiranë, Albania
191. **D. Mitrushi**. *Complementary Study for Solar and Wind Energy Projects in Albania*. 2ND INTERNATIONAL CONFERENCE: "ENGINEERING AND ENTREPRENEURSHIP" (ICEE2019), 10-11 October 2019, Tirana, Albania
190. **M. Mema**, K. Kristo, E. Xhuvani, O. Çati, F. Babani; *The study of reflection spectra as an indicator for environmental stresses on fruit trees*. 1st INTERNATIONAL CONFERENCE ON APPLIED PHYSICS (ICAP 2019) November 20-22, 2019, University of Tirana, Albania.
189. I. Selmani, **P. Malkaj**. *The uniform distribution of dose on tumor*, THE 1st INTERNATIONAL CONFERENCE: "RESEARCH APPLICATION AND EDUCATIONAL METHODS" (RAEM), May 24, 2019, KORÇË, ALBANIA.
188. **D. Xhako**, N. Hyka "Medical image prediction using artificial neural networks" , TURKISH PHYSICAL SOCIETY 35TH INTERNATIONAL PHYSICS CONGRESS (TPS35), 4–8 September 2019, Bodrum, Turkey.
187. N. Hyka, **D. Xhako**, "New Method to Calculate the Tumor Control Probability for PPIR", TURKISH PHYSICAL SOCIETY 35TH INTERNATIONAL PHYSICS CONGRESS (TPS35), 4–8 September 2019, Bodrum, Turkey.
186. R. Zeqirllari, **D. Xhako**, "Preliminary results of the hypercubic symmetry restoration of Boriçi – Creutz fermions in the light hadrons spectrum", 10TH JUBILEE INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION, 26–30 August 2018, Sofia, Bulgaria.
185. B. Papajani, E. Vataj, A. Hasimi, **P. Malkaj**, *Spherulitic microstructure and the effect of factors on the crystallization kinetics of pure isotactic polypropylene*, 10TH

JUBILEE INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION, 26–30 August 2018, Sofia, Bulgaria.

184. I. Selmani, **P. Malkaj**, *The assessment of dependence of wedge factor from the size of radiation field*, 10TH JUBILEE INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION, 26–30 August 2018, Sofia, Bulgaria.
183. I. Selmani, **P. Malkaj**, *The use of wedge in the treatment planning system*, 10TH JUBILEE INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION, 26–30 August 2018, Sofia, Bulgaria.
182. **A. Gjevori**. *Incorporation of Carbon and Nitrogen into Photoactive TiO₂ Thin Films*. 2ND INTERNATIONAL JOINT SCIENCE CONGRESS OF MATERIALS AND POLYMERS, November 2018, Durrës, Albania.
181. **A. Hoxha**, A. Gjevori, “*Influence of auxiliary plasma source on photoactivity of TiO₂ thin films by MePIIID*”. THE 2ND INTERNATIONAL JOINT SCIENCE CONGRESS OF MATERIALS AND POLYMERS – ISCMP’18, Albania. 2018
180. **P. Malkaj**; L. Malaj; “*Use of Advanced Technology in Automated Drug Dispensing*”; CONFERENCE ORGANIZED BY THE Ministry of Health and Social Protection, Chamber of Commerce, UFSH, AKKPM, and the Department of Pharmacy (University of Medicine, Tirana); Tirana 2018.
179. N. Hyka, **D. Xhako**, “*Playing a Game to Evaluate Teaching, Learning and Outcomes in a University*” 14th INTERNATIONAL CONFERENCE IN “STANDARDIZATION, PROTOTYPES AND QUALITY: A MEANS OF BALKAN COUNTRIES’ COLLABORATION”, September 21 - 22, 2018, Tirana, Albania.
178. **D. Xhako**, R. Zeqirllari, **J. Jani**, “*The Physical Scale from String Tension in LQCD*”, THE 10TH JUBILEE CONFERENCE OF THE BALKAN PHYSICAL UNION, BPU10 – August 2018, Bulgaria.
177. **D. Xhako**, R. Zeqirllari, “*Interquark potential with QCDCOLLAB2 in lattice QCD*” The XXVIII INTERNATIONAL SCIENTIFIC CONFERENCE, May 31 – June 1, 2018, Union of Scientists –Stara Zagora, Bulgaria.
176. **D. Xhako**, N. Hyka, “*Developing numerical methods and simulations for trainings in radiotherapy*”, The XXVIII INTERNATIONAL SCIENTIFIC CONFERENCE, May 31 – June 1, 2018, Union Of Scientists –Stara Zagora, Bulgaria.
175. **I. Bërdufi**, M. Shyti, F. Cfarku, K. Bode, E. Bylyku. *Assessment of occupational exposure among medical staff of University Hospital Center “Mother Theresa” in Tirana during 2012 – 2017*. 10th JUBILEE CONFERENCE OF THE BALKAN PHYSICAL UNION. 26 – 30 August 2018, Sofia, Bulgaria.
174. M. Shyti, **I. Bërdufi**, F. Cfarku, G. Xhixha “*Analysis of activity concentration of the natural radionuclides in the soil of Institute of Applied Nuclear Physics in Albania and assessment of annual effective dose*”. 6th INTERNATIONAL CONFERENCE ON RADIATION AND APPLICATIONS IN VARIOUS FIELDS OF RESEARCH – RAD (2018). 18 – 22 June 2018. Ohrid, Macedonia (FYROM).

173. F. Cfarku, M. Shyti, **I. Bërdufi**, P. Dhoqina, E. Bylyku. *Radioactivity of Po-210 in drinking water samples of Albania*. 10th JUBILEE CONFERENCE OF THE BALKAN PHYSICAL UNION. 26 – 30 August 2018, Sofia, Bulgaria.
172. F. Cfarku, M. Shyti, **I. Bërdufi**, P. Dhoqina, E. Bylyku. “*Determination of gross Alpha Beta surface contamination by handheld equipment*”. 10th JUBILEE CONFERENCE OF THE BALKAN PHYSICAL UNION. 26 – 30 August 2018, Sofia, Bulgaria.
171. M. Shyti, F. Cfarku, **I. Bërdufi**, E. Bylyku, R. Hoxha. “*Natural radioactivity in cigarette tobacco and radiation dose induced from smoking*”. 10th JUBILEE CONFERENCE OF THE BALKAN PHYSICAL UNION. 26 – 30 August 2018, Sofia, Bulgaria.
170. **M. Xhoxhi**, A. Dudia, A. Ymeti, *Analysis of phase error and cross talk for a multimode interference based multichannel biosensor*, SPIE PHOTONICS EUROPE 2018, May, 2018, Strasbourg France.
169. **N. Ogreni**, A. Sinoimeri, L. Nikolla, *Simulation Of Mechanical Behaviour Of Textile Fibers*. 8th INTERNATIONAL TEXTILE CONFERENCE, 18-19 October 2018, Tirana, ALBANIA
168. K. Tushe, H. Reci, B. Daci, E. Bylyku, **I. Bërdufi**, E. Kiri, “*Indoor radon concentration related to geological soils at different work places of Albania*”. RAD2018 SIXTH INTERNATIONAL CONFERENCE ON RADIATION AND APPLICATIONS IN VARIOUS FIELDS OF RESEARCH, June 18-22, 2018, Ohrid, North Macedonia.
167. **U. Buzra**, D. Halili, **D. Mitrushi**, **V. Muda**, E. Serdari, **I. Bërdufi**, **P. Berberi**. *Influence of anthropogenic aerosols in near atmosphere in the city of Tirana on ground budget of solar energy*; 10TH JUBILEE INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION 26–30 August 2018 Sofia, Bulgaria.
166. E. Serdari, **V. Muda**, **U. Buzra**, **I. Bërdufi**, D. Halili, M. Halili, **D. Mitrushi**, **P. Berberi**. *The Feasibility Study of a 12 MW Grid Connected Wind Power Farm in Albania using RETScreen*, THE 10TH INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION, 26 - 30 August 2018, Sofia, Bulgaria.
165. **D. Mitrushi**, E. Serdari, **P. Berberi**, **I. Bërdufi**, **U. Buzra**, D. Topçiu, **V. Muda**, “*Feasibility study of impact of wind energy potential in Karaburun’s area in Albania*”. 10TH JUBILEE INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION, 26–30 August 2018, Sofia, Bulgaria.
164. E. Serdari, **V. Muda**, **U. Buzra**, **I. Bërdufi**, D. Halili, **D. Mitrushi**, **P. Berberi**. *The feasibility study of a 12 MW grid-connected wind power farm in Albania using RETScreen*. 10TH JUBILEE INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION, 26–30 August 2018, Sofia, Bulgaria
163. D. Halili, **U. Buzra**, **D. Mitrushi**, **I. Bërdufi**, **V. Muda**, E. Serdari, **P. Berberi**. *Influence of Inclination Angle on the Efficiency of a Flat Plate Solar Collector*, THE 10TH INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION, 26 - 30 August 2018, Sofia, Bulgaria.

162. **D. Mitrush**, **I. Bërdufi**, E. Serdari, **P. Berberi**, **V. Muda**, **U. Buzra**, D. Topciu, *Feasibility study of impact of wind energy potential in Karaburuns area in Albania*, 10TH JUBILEE INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION, 26–30 August 2018, Sofia, Bulgaria.
161. **D. Hyka-Xhako**, N Hyka, **J. Jani**, “A method for determination of relative bone density in implantology” THE 10TH JUBILEE INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION, 26–30 August 2018, Sofia, Bulgaria.
160. **A. Gjevori**, **A. Hoxha**. *Investigation of photoinduced superhydrophilicity of TiO₂ thin films* THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania.
159. **A. Hoxha**, **A. Gjevori**, “Different aspects of the diffusion processes in intermetallics”. THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania
158. **A. Hoxha**, **A. Gjevori**. *Correlation between phase composition, morphology and photoactivity of TiO₂ thin films*. INTERNATIONAL JOINT SCIENCE CONGRESS OF MATERIALS AND POLYMERS, August, 2017, Ohrid, North Macedonia.
157. **A. Gjevori**, **A. Hoxha**, *Influence of Oxiliary Plasma Source on the Photoactivity of TiO₂ Thin Films* INTERNATIONAL JOINT SCIENCE CONGRESS OF MATERIALS AND POLYMERS, August, 2017, Ohrid, North Macedonia.
156. **A. Gjevori**, **A. Hoxha**. *Investigation on thin film properties produced by energetic ions deposition*. 27TH INTERNATIONAL SCIENTIFIC CONFERENCE, June 01-02, 2017, Stara Zagora, Bulgaria.
155. **A. Hoxha**, **A. Gjevori**, “Interdiffusion in the Mg-rich and Al-rich solid solutions of the Mg-Al binary alloy”. 27TH INTERNATIONAL SCIENTIFIC CONFERENCE, June 01-02, 2017, Stara Zagora, Bulgaria.
154. **A. Gjevori**, **A. Hoxha**, “Investigation of thin film properties produced by energetic ions deposition”. 27TH INTERNATIONAL SCIENTIFIC CONFERENCE, June 01-02, 2017, Stara Zagora, Bulgaria.
153. E. Xhaferri, **D. Askushaj**, Th. A. Bier, *The influence of the amount of slag and fly ash on the strength development and microstructure of cementitious systems*. BAUCHEMIE CONFERENCE, July, 2017, Weimar, Germany.
152. **D. Mitrush**, **P. Berberi**, **I. Bërdufi**. “LCOE calculation for photovoltaic systems installed in different regions of Albania”. CONFERENCE OF NATURAL AND TECHNOLOGICAL SCIENCES (KSNTEK 2017). 17 – 18 November 2017, Tirane, Albania.
151. **Dh. Kuqi**, **M. Kuqali**, R. Celo, G. Meko, *Scanner quality control with different electronic density phantom*, THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania.
150. **M. Hima**, G. Xhixha, **Dh. Kuqi**, E. Bufasi, *Study of radon concentration in the indoor air of kindergartens of Tirana city during winter time*, THE

2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania.

149. **M. Xhoxhi**, A. Dudia, A. Ymeti, *Simulation of the novel compact structure of an interferometric biosensor based on multimode interference waveguides*, SPIE MICROTECHNOLOGIES 2017, May, 2017, Barcelona Spain.
148. **T. Myftiu, P. Malkaj**: "*Embracing Digitalization in Healthcare: A Necessity of Our Time*"; NATIONAL MEDICAL CONFERENCE; May 2017.
147. **D. Xhako**, R. Zeqirllari, "*Fast algorithms for chiral fermions in 2 dimensions*", THE 35TH INTERNATIONAL SYMPOSIUM ON LATTICE FIELD THEORY, 18 June-24 June 2017 , Granada, Spain.
146. G. Nafezi, L. Kastrati, S. Kadiri, G. Hodolli, **M. Kuqali**, M. Bahtijari *Radon activity concentrations in underground workplaces other than mines in Kosovo*. FOURTH INTERNATIONAL CONFERENCE ON RADIATION AND APPLICATIONS IN VARIOUS FIELDS OF RESEARCH, 23-27 May 2016, Niš, Serbia.
145. **M. Kuqali**, G. Xhixha, **Dh. Sadiraj**, M. Kaçeli Xhixha, M. Shyti, G. Nafezi, M. Bahtijari, *A preliminary study of the distribution of environmental radioactivity in the urban area of Tirana city, Albania*. FOURTH INTERNATIONAL CONFERENCE ON RADIATION AND APPLICATIONS IN VARIOUS FIELDS OF RESEARCH, 23-27 May 2016, Niš, Serbia.
144. **A. Gjevori**. *Decolorization of methylene blue from TiO₂ thin films produced by metal plasma immersion ion implantation and deposition*. 26TH INTERNATIONAL SCIENTIFIC CONFERENCE, June 02-03, 2016, Stara Zagora, Bulgaria.
143. I. Kazani, E. Beqiraj, A. **Hoxha**, G. Guxho. *Albnano-related Activities at the Polytechnic University of Tirana*. ALBNANO 2016 WORKSHOP. NANOTECHNOLOGY AND BIOSENSORS, 29-31 May 2016, Tiranë, Albania.
142. **D. Askushaj, T. Mulaj**, *Early age autogenous shrinkage of concrete using fly ash and lime stone*. SECOND INTERNATIONAL CONFERENCE OF APPLIED SCIENCES (ICAS2016), 13-14 May 2016, Tetovo, North Macedonia.
141. **A. Gjevori**. *Thin Film Deposition Using Energetic Ions*. SECOND INTERNATIONAL CONFERENCE OF APPLIED SCIENCES, May 13-14, 2016, Tetova, Macedonia.
140. **D. Askushaj, T. Mulaj**, *Effect of drying on cement-based materials pore structure using MIP and Comparison between drying methods*, XXIV INTERNATIONAL SCIENTIFIC CONFERENCE, June 02-03, 2016, Stara Zagora, Bulgaria.
139. **I. Bërdufi, P. Berberi, D. Mitrushu, V. Muda**, D. Topciu, **U. Buzra**, E. Serdari. "*Empirical models for energy yield of a Photovoltaic System connected to the grid*". 4TH INTERNATIONAL CONFERENCE ON RENEWABLE ELECTRICAL POWER SOURCES, 17 - 18 October 2016, Beograd, Serbia.
138. D. Halili, **P. Berberi, D. Mitrushu, V. Muda, U. Buzra, I. Bërdufi**, E. Serdari. *Influence of Yearly Distribution of Solar Energy on The Feasibility of Solar Collectors in The City of Tirana*, THE 4TH INTERNATIONAL CONFERENCE ON

RENEWABLE ELECTRICAL POWER SOURCES, 17 - 18 October 2016, Beograd, Serbia.

137. **V. Muda, P. Berberi, I. Bërdufi, D. Mitrushi,** D. Topciu, **U. Buzra,** E. Serdari. *Merging of Ground-Based and Satellite-Derived Data of Surface Solar Radiation in City of Tirana, Albania.* THE 4TH INTERNATIONAL CONFERENCE ON RENEWABLE ELECTRICAL POWER SOURCES, 17 - 18 October 2016, Beograd, Serbia.
136. E. Serdari, **P. Berberi, V. Muda, U. Buzra, D. Mitrushi,** D. Halili, **I. Bërdufi,** *Simulation of Wind Power Generation System Based On Techno-Economic Analysis,* THE 4th INTERNATIONAL CONFERENCE ON RENEWABLE ELECTRICAL POWER SOURCES, 17-18 October 2016, Beograd, Serbia.
135. **U. Buzra, P. Berberi, D. Mitrushi, V. Muda,** D. Halili, **I. Bërdufi,** E. Serdari, *Modification of Solar Energy Potential Due To Anthropogenic Aerosols In Atmosphere of Tirana,* THE 4TH INTERNATIONAL CONFERENCE ON RENEWABLE ELECTRICAL POWER SOURCES, 17-18 October 2016, Beograd, Serbia.
134. E. Serdari, **P. Berberi, V. Muda, U. Buzra, D. Mitrushi,** D. Halili, **I. Bërdufi.** *Wind Profile Characteristics and Energy Potential Assessment for Electricity Generation at the Karaburun Peninsula, Albania,* 2ND INTERNATIONAL CONFERENCE ON RENEWABLE ENERGY AND BIOENERGY (ICREB2016), 29 June-02 July 2016, Constanta, Romania.
133. E. Serdari, **P. Berberi, V. Muda, U. Buzra, D. Mitrushi,** D. Halili, **I. Bërdufi,** *“Feasibility Assessment of a 600 kW Wind Turbine in Sazani Island, Albania”,* 6TH INTERNATIONAL CONFERENCE OF ECOSYSTEMS (ICE2016), June 2-6, 2016 Tirana, Albania.
132. A. Veveçka, A. Bendo, U. **Buzra,** B. Bejko, E. Schafler, M.J. Zehetbauer. *Study of mechanical properties of nanocrystalline Ti-35Nb alloy processed by severe plastic deformation.* INTERNATIONAL CONFERENCE ON PROCESSING & MANUFACTURING OF ADVANCED MATERIALS (THEMEC'2016), May 29-June 03, 2016, Graz, Austria.
131. **M. Mema,** F. Babani, K. Kristo, **E. Hida;** *Characteristics of the reflection spectra of green plants in the presence of environmental stresses,* UNION OF SCIENTISTS – STARA ZAGORA, XXVI INTERNATIONAL CONFERENCE, 2-3 June 2016, Stara Zagora, Bulgaria.
130. **M. Mema,** F. Babani, **E. Hida,** K. Kristo; *Fluorescence imaging and pigment determination of populus by the photosynthetic apparatus in dajt area.* UNION OF SCIENTISTS – Stara Zagora, XXVI INTERNATIONAL CONFERENCE Stara Zagora, 2-3 June 2016, Stara Zagora, Bulgaria.
129. **E. Hida, M. Mema,** F. Babani, K. Kristo; *Differences on stress response of cercius siliquastrum plants in different places in metallurgicall complex and in different periods via screening of photosynthetic activity by chlorophyll fluorescence imaging.*

UNION OF SCIENTISTS – STARA ZAGORA, XXVI INTERNATIONAL CONFERENCE, 2-3 June 2016, Stara Zagora, Bulgaria.

128. **Dh. Kuqi, M. Kuqali, P. Malkaj**, *Digital Mapping of electromagnetic field for frequencies from 900-1800 MHz in some areas in Tirana*, 9th INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION (BPU), 24-27 August 2015, Turkey.
127. **M. Kuqali, Dh. Kuqi**, D. Topciu, *Indoor radon monitoring in the public kindergartens of Tirana city*. 9th INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION (BPU), 24-27 August 2015, Turkey.
126. A. Veveçka, **U. Buzra**. *An evaluation of mechanical properties of nanostructured Al alloy processed by SPD*. 1st INTERNATIONAL SYMPOSIUM ON MATERIALS FOR ENERGY STORAGE AND CONVERSION. 7-9 September 2015, Ankara, Turkiye
125. **D. Xhako**, A. Boriçi, “*Accelerating simulations in lattice QCD with GMRESR algorithm*“, INTERNATIONAL PHYSICS CONFERENCE TIRANA (IPCT2015), November 13-15, 2015, Tirana, Albania."
124. **A. Gjevori, A. Hoxha**. *Optimization of the synthesis parameters of nanocrystalline Fe*. 25TH INTERNATIONAL SCIENTIFIC CONFERENCE, June 04-05, 2015, Stara Zagora, Bulgaria.
123. **A. Hoxha, A. Gjevori**, *Activation energies for diffusion in the intermetallic of Cu/Zn diffusion couple*, 25TH INTERNATIONAL SCIENTIFIC CONFERENCE, June 04-05, 2015, Stara Zagora, Bulgaria.
122. **A. Gjevori, A. Hoxha**, N. Izairi, B. Ziberi, *Influence of auxiliary plasma source on thin films growth by MEPIIID*. THE FIRST INTERNATIONAL CONFERENCE OF APPLIED SCIENCES, May 8-9, 2015, Tetovo, North Macedonia.
121. **A. Hoxha, A. Gjevori**, B. Ziberi *The use of smart components and systems in building constructions and architectural applications*, THE FIRST INTERNATIONAL CONFERENCE OF APPLIED SCIENCES, May 8-9, 2015, Tetovo, North Macedonia.
120. **J. Jani, P. Malkaj**, “*Chaotic encryption based on a solid-state laser operating in master slave configuration*“, 9th INTERNATIONAL PHYSICS CONFERENCE, August 24–27, 2015, Istanbul University, Istanbul, Turkey.
119. **D. Askushaj, A. Hoxha, T. Mulaj**, *Properties of self compacting concrete containing different mineral admixtures*. FIRST INTERNATIONAL CONFERENCE OF APPLIED SCIENCES (ICAS2015), May 8-9, 2015, Tetovo, North Macedonia.
118. **A. Hoxha, A. Gjevori, T. Mulaj, D. Askushaj**, “*The Diffusion Coefficients of Mg and Al in α - and δ - Solid Solutions*“, 10TH ANNUAL INTERNATIONAL MEETING OF ALB-SCIENCE, August 28 – 30, 2015, Skopja, North Macedonia.
117. **I. Bërdufi, P. Berberi, D. Mitrushi, V. Muda**, D. Topçiu, **U. Buzra**. “*The performance of a grid connected photovoltaic system Part I: Durisch and Evans energetic models*“. 9th INTERNATIONAL PHYSICS CONFERENCE OF THE

BALKAN PHYSICAL UNION, August 24–27, 2015, Istanbul, Turkey.

116. **D. Mitrushi, P. Berberi, I. Bërdufi, V. Muda**, D. Topçiu, **U. Buzra**, “A comparative study of satellite estimation for solar insolation in Albania with ground measurements”. 9th INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION, August 24–27, 2015, Istanbul, Turkey.
115. **D. Mitrushi, P. Berberi, I. Bërdufi, V. Muda**, D. Topçiu, **U. Buzra**, “Use of satellite solar data for assessment of performance of photovoltaic systems installed in different regions of Albania”. 9TH INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION, August 24–27, 2015, Istanbul, Turkey.
114. **U. Buzra, P. Berberi, D. Mitrushi, V. Muda**, D. Halili, **I. Bërdufi**, *An Estimation of Impact of Anthropogenic Aerosols in Atmosphere of Tirana on Solar Insolation. Part I: Clear day variation of ground insolation.* 9TH INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION (BPU-9), 24–27 August 2015, Istanbul, Turkey.
113. **U. Buzra, P. Berberi, D. Mitrushi, V. Muda**, D. Halili, **I. Bërdufi**. *An Estimation of Impact of anthropogenic Aerosols in Atmosphere of Tirana on Solar Insolation: Part II: Modification of Solar Energy Potential.* 9TH INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION (BPU-9), 24–27 August 2015, Istanbul, Turkey.
112. **U. Buzra, P. Berberi, D. Mitrushi, V. Muda**, D. Halili, **I. Bërdufi** *Evolution Of Clear Day Solar Radiation As An Indicator Of Influence Of Anthropogenic Aerosols In Atmosphere On Solar Energy Potential.* 9TH INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION (BPU-9), 24–27 August 2015, Istanbul, Turkey.
111. **D. Mitrushi, V. Muda**, D. Halili, **I. Bërdufi, U. Buzra, P. Berberi** “Regional distribution of life cycle cost of hot water produced by collectors in Albania” 9TH INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION (BPU-9), 24–27 August 2015, Istanbul, Turkey.
110. D. Halili, **P. Berberi, D. Mitrushi, V. Muda, I. Bërdufi, U. Buzra**, *Effect of local environmental condition on efficiency solar collectors for production of hot water for domestic use in Albania..* 9TH INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION (BPU-9), 24–27 August 2015, Istanbul, Turkey.
109. L. Daci, **P. Malkaj, D. Mitrushi** *Linac Commissioning For Radiosurgery Treatments A Single –Institution Expirience In Albania,* 9TH INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION (BPU-9), 24–27 August 2015, Istanbul, Turkey.
108. L. Daci, **P. Malkaj**, *Implementation of IMRT and VMAT using Delta4 phantom and portal dosimetry as dosimetry verification tools,* 9TH INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION (BPU-9), 24–27 August 2015, Istanbul, Turkey.

107. L. Daci, **P. Malkaj**, *True beam commissioning experience at Nordland Hospital Trust, Norway*, 9TH INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION (BPU-9), 24–27 August 2015, Istanbul, Turkey.
106. S. Baci, E. Telhaj, **P. Malkaj**, *Beam related response of in vivo diode detectors for external radiotherapy*. PROCEEDINGS OF THE 9th INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION, August 24–27, 2015, Istanbul University, Istanbul, Turkey.
105. D. Halili, **P. Berberi, V. Lame-Muda** *Regional Distribution Of Life Cycle Cost Of Hot Water Produced By Solar Collectors In Albania*. 9TH INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION (BPU-9), 24–27 August 2015, Istanbul, Turkey.
104. **D. Mitrushi, P. Berberi**. *Satellite Solar Data For Applications In Photovoltaic Systems In Albania And Economic Performance Assessment*. 9TH INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION (BPU-9), 24–27 August 2015, Istanbul, Turkey.
103. **I. Bërdufi, P. Berberi, D. Mitrushi**. “*The Performance Analysis of a Grid Connected Photovoltaic System*”. INTERNATIONAL PHYSICS CONFERENCE, 13-14 November 2015, Tirana, Albania.
102. **M. Mema**. F. Babani, K. Kristo, *Spectral characteristics and activity of photosynthetic apparatus of fruit trees in the presence of environmental stress*. THE INTERNATIONAL PHYSICS CONFERENCE, 13-14 November 2015, Tirana, Albania.
101. O. Çati, **M. Mema**, K. Kristo, E. Xhuvani; *A treatment planning for tumors in the pelvis area*. THE INTERNATIONAL PHYSICS CONFERENCE, 13-14 November 2015, Tirana, Albania.
100. **J. Jani, P. Malkaj**, “*Evaluation of Performance of Chaotic Masking Encryption Scheme*”, INTERNATIONAL CONFERENCE ON “NEW TECHNOLOGIES AND APPLICATIONS IN MEDICINE” (NTAM 2014), November 2014, Tirana, Albania
99. **J. Jani, A. Asimi, P. Malkaj**, “*Applications of Chaotic Dynamics in Electrocardiogram Signals*”, INTERNATIONAL CONFERENCE ON” NEW TECHNOLOGIES AND APPLICATIONS IN MEDICINE” (NTAM 2014), November 2014, Tirana, Albania.
98. **Dh. Kuqi, P. Malkaj, Sh. Kuka, M. Kuqali, T. Mulaj, A. Hoxha, M. Goga, H. Dokuzi**, Ll. Sota, *Evaluation of electromagnetic fields for frequencies 900 Mhz-800 Mhz in Tirana*, FIRST INTERNATIONAL CONFERENCE OF APPLIED SCIENCES IN MEDICINE 7 - 8 November 2014, Tirana, Albania.
97. E. Gavogji, B. Pietro Mesirca, I. Zironi, M. Procopio, **Dh. Kuqi**, A. Virelli, F. Bersani: “*Potassium Channel Currents Of Human Staminal And Fibroblast Cells After Exposure To Elf Magnetic Fields: A Preliminary Report*”. FIRST INTERNATIONAL CONFERENCE OF APPLIED SCIENCES IN MEDICINE 7 - 8 November 2014, Tirana, Albania.
96. **M. Kuqali, Dh. Kuqi**, D. Topciu, **D. Mitrushi, T. Myftiu**, *Indoor radon*

monitoring in some dwellings in Tirana, FIRST INTERNATIONAL CONFERENCE OF APPLIED SCIENCES IN MEDICINE 7 - 8 November 2014, Tirana, Albania.

95. **M. Xhoxhi, T. Mulaj, P. Malkaj**, A. Dudia Aurel Ymeti, *Multimode Interference Biosensor Working with Multiple Wavelengths and Two Polarizations*, NEW TECHNOLOGIES AND APPLICATIONS IN MEDICINE, NTAM 2014, November, 2014, Tirana Albania.
94. **A. Gjevori**, *Research on the Photocatalytic Activity of TiO₂ Thin Films*. NINTH ANNUAL INTERNATIONAL MEETING OF ALB-SCIENCE, August 29 – 31, 2014, Pristina, Kosovo.
93. **A. Gjevori**, *Decolorization of methylene blue from TiO₂ thin films produced by MePIIID*. FIRST INTERNATIONAL CONFERENCE ON APPLIED SCIENCES “NEW TECHNOLOGIES AND APPLICATIONS IN MEDICINE”, November 7-8, 2014, Tirana, Albania.
92. E. Picciotti, F. S. Marzano, V. Colaiuda, G. Cinque, M. Massabò, M. Deda, P. Campanella, L. Abeti, F. Sini, C. A. Neri, Sh. Prençi, M. Dhima, P. Zorba, **I. Bërdufi**, M. Marku, P. Sala, M. Rezzolla, M. Tomljanović, Z. Komerički, A. Iovino, A. Santacasa, F.L. Rossi. ‘*The ADRIARadNet project: ADRIAtic integrated RADar based and web-oriented information processing system NETwork to support hydrometeorological monitoring and civil protection decision*’. ERAD 2014 — 8TH EUROPEAN CONFERENCE ON RADAR IN METEOROLOGY AND HYDROLOGY, 1 - 5 September 2014, Garmisch-Partenkirchen, Germany.
91. **D. Xhako**, A. Boriçi, “*Numerical Simulation In Lattice QCD with QCDCALAB* “, FIRST INTERNATIONAL CONFERENCE NEW TECHNOLOGIES AND APPLICATIONS IN MEDICINE 2014, November 7 – 8 FIMIF/PUT, 2014, Tirana, Albania.
90. **D. Xhako**, A. Boriçi, “*Accelerating Simulations In Lattice QCD For Different Coupling Constant With GMRESR Algorithm* “, FIRST INTERNATIONAL CONFERENCE NEW TECHNOLOGIES AND APPLICATIONS IN MEDICINE 2014, November 7 – 8 FIMIF/PUT, 2014, Tirana, Albania.
89. **D. Xhako**, N. Hyka, Ll. Sota “*“PPIR”, A method For Image Processing And Simulation In Radiotherapy*“, FIRST INTERNATIONAL CONFERENCE NEW TECHNOLOGIES AND APPLICATIONS IN MEDICINE 2014, November 7 – 8 FIMIF/PUT, 2014, Tirana, Albania.
88. Ll. Sota, **D. Xhako**, N. Hyka, “*Correction Technique In Computed Tomography Using Interpolation techniques* “, FIRST INTERNATIONAL CONFERENCE NEW TECHNOLOGIES AND APPLICATIONS IN MEDICINE 2014, November 7 – 8 FIMIF/PUT, 2014, Tirana, Albania.
87. **U. Buzra, P. Berberi, D. Mitrushi, V. Muda**, D. Halili, **I. Bërdufi**, A. Muçka, *Temporal Evolution Of Solar Energy In Cloudless Days As An Indicator For Changes In Concentration Of Aerosols In Atmosphere And In Solar Energy Budget*. Septième édition du Colloque FRancophone en Energie, Environnement, Economie et Thermodynamique - COFRET'14 Paris, Cnam - 23 - 24 - 25 avril 2014.

86. **J. Jani, P. Malkaj**, “Simulation and implementation of the Chua’s chaotic oscillator”, INTERNATIONAL CONFERENCE ON RESEARCH AND EDUCATION IN NATURAL SCIENCES, (RENS 2013), November 2013, Shkodër, Albania
85. **J. Jani, P. Malkaj**, “Nonlinear time series analysis of an externally triggered double transistor chaotic circuit”, THE 1ST INTERNATIONAL CONFERENCE ON “RESEARCH AND EDUCATION– CHALLENGES TOWARDS THE FUTURE” (ICRAE2013), 24-25 MAY 2013, Shkodra, Albania.
84. B. Papajani, T. Dilo, **P. Malkaj**, *Determination Of Thermal Conductivity, And Heat Resistance Of Some Polyurethane Rubbers, And Their Dependence From The Thickness And Density*, THE 1ST INTERNATIONAL CONFERENCE ON “RESEARCH AND EDUCATION–CHALLENGES TOWARDS THE FUTURE” (ICRAE2013), 24-25 MAY 2013, Shkodra, Albania
83. **V. Lame-Muda, P. Berberi, D. Mitrushi**, D. Halili, **I. Bërdufi, U. Buzra, M. Kuqali**. “An inventory of renewable energy potential of region of Karavasta, in Albania, THE 1ST INTERNATIONAL CONFERENCE ON “RESEARCH AND EDUCATION– CHALLENGES TOWARDS THE FUTURE” (ICRAE2013), 24-25 MAY 2013, Shkodra, Albania.
82. **U. Buzra, P. Berberi, V. Muda**, D. Halili, **D. Mitrushi, I. Bërdufi**, *Use Of Clear Day Solar Radiation For Estimation Of Anthropogenic Aerosols In Atmosphere Of Tirana*. THE 1ST INTERNATIONAL CONFERENCE ON “RESEARCH AND EDUCATION–CHALLENGES TOWARDS THE FUTURE” (ICRAE2013), 24-25 MAY 2013, Shkodra, Albania.
81. **I. Bërdufi, D. Mitrushi, P. Berberi, J. Jani, V. Muda**, D. Topçiu, **U. Buzra, M. Gjonaj, F. Hoxhaj**. “Estimation Performance of a Photovoltaic System Connected to the Grid by Using Evans and Durisch Models”. THE 1ST INTERNATIONAL CONFERENCE ON “RESEARCH AND EDUCATION–CHALLENGES TOWARDS THE FUTURE” (ICRAE2013), 24-25 MAY 2013, Shkodra, Albania.
80. **D. Mitrushi, I. Bërdufi, P. Berberi, V. Muda**, D. Halili, **U. Buzra** *Comparision Of Satellite Estimation Of Solar Insolation In Albania With Their Ground Estimations*. THE 1ST INTERNATIONAL CONFERENCE ON “RESEARCH AND EDUCATION–CHALLENGES TOWARDS THE FUTURE” (ICRAE2013), 24-25 MAY 2013, Shkodra, Albania.
79. **U. Buzra**, D. Halili, **P. Berberi, V. Lame-Muda, D. Mitrushi, I. Bërdufi**, “Use of a clear day solar radiation for estimation of Anthropogenic aerosol in atmosphere in Tirana” THE 1ST INTERNATIONAL CONFERENCE ON “RESEARCH AND EDUCATION–CHALLENGES TOWARDS THE FUTURE” (ICRAE2013), 24-25 MAY 2013, Shkodra, Albania.
78. **Dh. Kuqi, P. Malkaj, Sh. Kuka, M. Kuqali, T. Mulaj**, E. Gavoçi, **H. Dokuzi, M. Goga**, *Evaluation of the electromagnetic fields from 900 Mhz to 1800 Mhz frequencies in some cities of Albania*, THE 2nd INTERNATIONAL CONFERENCE RESEARCH AND EDUCATION IN NATURAL SCIENCES, 15-16 November, 2013, Shkoder, Albania.

77. **M. Kuqali, Dh. Kuqi.** E. Gavoci, *Indoor radon monitoring in some faculties of PUT & UT, THE 2nd INTERNATIONAL CONFERENCE ON “RESEARCH AND EDUCATION IN NATURAL SCIENCES”*, 15-16 November 2013, Shkodër, Albania
76. G. Nafezi, M. Bahtijari, L. Kastrati, **M. Kuqali**, Z. Mulaj, *Radon concentration in the environment of some locations in Dragash municipality measured with alfa scintillations method*, INTERNATIONAL CONFERENCE ON ENVIRONMENTAL SCIENCE AND TECHNOLOGY, 18-21 June 2013, Turkey.
75. **M. Xhoxhi**, T. Mulaj, **P. Malkaj**, *Design Improvement of a Biosensor Using MMI Waveguides*, RESEARCH AND EDUCATION IN NATURAL SCIENCES (RENS2013), November, 2013, Shkoder Albania.
74. **M. Xhoxhi, T. Mulaj, P. Malkaj**, A. Dudia, A. Ymeti, *Development of a Multimode Interference Based Multichannel Integrated Lab-On-A-Chip Biosensor*, INTERNATIONAL CONFERENCE ON RESEARCH AND EDUCATION (ICRAE), May, 2013, Shkoder Albania.
73. N. Hyka, E. Telhaj, **D. Xhako**, Th. Karaja; “*Calculation methods in radiotherapy using MATLAB*”, “RESEARCH AND EDUCATION IN NATURAL SCIENCES”, November 2013, Shkoder Albania.
72. N. Hyka, E. Telhaj, Th. Karaja, **D. Xhako**; *Oncor prescision açelerator beam data commissioning, equipment and procedures*, THE 1ST INTERNATIONAL CONFERENCE ON “RESEARCH AND EDUCATION–CHALLENGES TOWARDS THE FUTURE” (ICRAE2013), 24-25 MAY 2013, Shkodra, Albania.
71. **D. Xhako**, R. Zeqirllari, A. Boriçi, “*Determining the scale from string tension in lattice QCD*”, “RESEARCH AND EDUCATION IN NATURAL SCIENCES”, November 2013, Shkoder Albania.
70. **D. Xhako**, R. Zeqirllari, A. Boriçi, “*Improving the Calculation Method of Quark-Antiquark Potential from Fermiqcd*”, THE 1ST INTERNATIONAL CONFERENCE ON “RESEARCH AND EDUCATION–CHALLENGES TOWARDS THE FUTURE” (ICRAE2013), 24-25 MAY 2013, Shkodra, Albania.
69. **P. Berberi, V. Muda, D. Halili, D. Mitrushi, I. Bërdufi, U. Buzra**, “*The implementation of Bologna process into physics in Europe: The Level Master*” THE 1ST INTERNATIONAL CONFERENCE ON “RESEARCH AND EDUCATION–CHALLENGES TOWARDS THE FUTURE” (ICRAE2013), 24-25 MAY 2013, Shkodra, Albania.
68. P. Berberi, V. Muda, **D. Halili**, D. Mitrushi, I. Bërdufi, U. Buzra, *The Implementation of The Bologna Process Into Physics In Europe: The Doctoral Level*. THE 1ST INTERNATIONAL CONFERENCE ON “RESEARCH AND EDUCATION–CHALLENGES TOWARDS THE FUTURE” (ICRAE2013), 24-25 MAY 2013, Shkodra, Albania.
67. D. Halili, **P. Berberi, V. Muda, D. Mitrushi, I. Bërdufi, M. Kuqali, U. Buzra**. *Mapping Regional Variation of Cost of Hot Water Produced by Conventional Solar Collectors in Albania*, THE 1ST INTERNATIONAL CONFERENCE ON

“RESEARCH AND EDUCATION-CHALLENGES TOWARDS THE FUTURE”
(ICRAE2013), 24-25 MAY 2013, Shkodra, Albania.

66. **A. Hoxha**, H. Oettel, D. Heger, **T. Mulaj**, “A Quantitative Investigation of the Growth of Beta Phase in the Gamma Brass – Copper Diffusion Couple” THE 8TH GENERAL CONFERENCE OF BALKAN PHYSICAL UNION, 5-7 July 2012, Constanta, Romania.
65. **D. Mitrushi**, **P. Berberi**, D. Halili, **V. Muda**, Comparasion of Satellite estimates values of solar radiation with terrestrial measurements for Albania. THE 8TH GENERAL CONFERENCE OF BALKAN PHYSICAL UNION, 5-7 July 2012, Constanta, Romania.
64. E. Gavoci, M. Procopi, P. Mesirca, **Dh. Kuqi**, I. Zironi, D. Remondini, Sh. Ahmetaga, F. Bersani: “Tri-axial Magnetic field exposure system for a patch clamp set ut”. THE 8TH GENERAL CONFERENCE OF BALKAN PHYSICAL UNION, 5-7 July 2012, Constanta, Romania.
63. **P. Malkaj** E. Bakiu, E. Telhaj, F. Ruçi, E. Kozma, *The determination of CTV-PTV margin for Whole Brain region using EPID*, THE 8th GENERAL CONFERENCE OF BALKAN PHYSICAL UNION, July 5-7, 2012, Constanta, Romania.
62. **I. Bërdufi**, O. Jaupaj, M. Marku, M. Deda, E. Fiori, M. D’Andrea, G. Biondi, P. Fioruci, M. Massabò, P. Zorba, M. Gjonaj. ‘*Bulletin of Forest Fire risk in Albania - The experience of the Albania National Centre for forecast and Monitoring of Natural Risks*’. EGU GENERAL ASSEMBLY 2012, held 22-27 April, 2012 in Vienna, Austria.
61. **Dh. Kuqi**, E. Gavoci, **M. Kuqali**, **J. Jani**, “Analytical study of the exposure system of three rectangular coils and evaluation of magnetic field uniformity”, INTERNATIONAL CONFERENCE ON TOWARDS FUTURE SUSTAINABLE DEVELOPMENT, 16-17 November 2012, Shkoder, Albania.
60. E. Gavoci, I. Zironi, **Dh. Kuqi**, A. Virelli, Sh. Ahmetaga, F. Bersani: “*Experimental study on the effects of ELF magnetic field on K⁺ ion channel*”; INTERNATIONAL CONFERENCE ON TOWARDS FUTURE SUSTAINABLE DEVELOPMENT, 16-17 November 2012, Shkoder, Albania.
59. **Dh. Kuqi**, **P. Malkaj**, **Sh. Kuka**, **M. Kuqali**, **T. Mulaj**, **L. Nikolla**, **T. Myftiu**, E. Gavoci, *Assessment of radiofrequency electromagnetic fields in Tirana*, INTERNATIONAL CONFERENCE ON "TOWARDS FUTURE SUSTAINABLE DEVELOPMENT", 16 - 17 November 2012, Shkodër, Albania.
58. **Dh. Kuqi**, E. Gavoci, **M. Kuqali**, **J. Jani**, *Analytical study of the exposure system of three rectangular coils and evaluation of magnetic field uniformity*, INTERNATIONAL CONFERENCE ON "TOWARDS FUTURE SUSTAINABLE DEVELOPMENT" Shkodër, 16 - 17 November 2012. Albania.
57. **M. Kuqali**, F. Ylli, **Dh. Kuqi**, **Sh. Kuka**, **T. Myftiu**, **A. Hoxha**, **E. Duka**, **D. Mitrushi**, E. Gavoci, *Indoor radon monitoring in Tirana area*. INTERNATIONAL CONFERENCE ON "TOWARDS FUTURE SUSTAINABLE DEVELOPMENT", 16 - 17 November 2012, Shkodër, Albania.

56. **M. Kuqali**, J. Niemela, *Reversals of wind in thermal convection*, The 8th GENERAL CONFERENCE OF BALKAN PHYSICAL UNION, July 5-7, 2012, Constanta, Romania.
55. D. Halili, **P. Berberi**, **D. Mitrushi**, **V. Muda-Lame**. “*Regional Distribution of Life Cycle Cost of Electrical Energy Produced by Photovoltaics in Albania*”, THE 5TH INTERNATIONAL SCIENTIFIC CONFERENCE ON WATER, CLIMATE AND ENVIRONMENT (BALWOIS 2012), 28 May-2 June 2012, Ohrid, North Macedonia.
54. **V. Lame-Muda**, **D. Mitrushi**, D. Halili, **P. Berberi**, “*General Evaluation of the environmental regime, of Karavasta lagoon area and its surroundings*”. The 8th GENERAL CONFERENCE OF BALKAN PHYSICAL UNION, July 5-7, 2012, Constanta, Romania.
53. **V. Lame-Muda**, E. Dushi. “*Physical effect of directivity contribution to the radiated elastic seismic energy: northeastern Albania (5.4 Mw) earthquake of September 6, 2009 case*”. The 8th GENERAL CONFERENCE OF BALKAN PHYSICAL UNION, July 5-7, 2012, Constanta, Romania.
52. **V. Lame-Muda**, D. Halili, D. Mitrushi, P. Berberi, “*Renewable Energy Resources for Cross-Border Areas in Albania*, THE 5TH INTERNATIONAL SCIENTIFIC CONFERENCE ON WATER, CLIMATE AND ENVIRONMENT (BALWOIS 2012), 28 May-2 June 2012, Ohrid, North Macedonia.
51. **P. Berberi**, P. Hoxha, S. Theodorjani, **V. Muda**. “*Photovoltaics: Between bright outlook and uncertainties,*” SUNEK 2012 (SUN NEW ENERGY CONFERENCE) 4-6 September, 2012, Sicily, Italy.
50. **D. Mitrushi**, **P. Berberi**, D. Topciu, **V. Lame-Muda**, *Economic and Environmental Impacts of Solar Energy in Albania*. THE 5TH INTERNATIONAL SCIENTIFIC CONFERENCE ON WATER, CLIMATE AND ENVIRONMENT (BALWOIS 2012), 28 May-2 June 2012, Ohrid, North Macedonia.
49. **D. Halili**, **V. Lame-Muda**, **D. Mitrushi**. *Absorption Of Solar Energy In Different Areas In Albania*. THE 5TH INTERNATIONAL SCIENTIFIC CONFERENCE ON WATER, CLIMATE AND ENVIRONMENT (BALWOIS 2012), 28 May-2 June 2012, Ohrid, North Macedonia
48. D. Halili, **P. Berberi**, **D. Mitrushi**, **V. Muda-Lame** “*Regional distribution of life cost of electrical Energy produced by photovoltaics in Albania*“. THE 5TH INTERNATIONAL SCIENTIFIC CONFERENCE ON WATER, CLIMATE AND ENVIRONMENT (BALWOIS 2012), 28 May-2 June 2012, Ohrid, North Macedonia.
47. **V. Lame-Muda**, D. Halili, **D. Mitrushi**. *Renewable Energy Resources For Cross-Border Areas In Albania*. THE 5TH INTERNATIONAL SCIENTIFIC CONFERENCE ON WATER, CLIMATE AND ENVIRONMENT (BALWOIS 2012), 28 May-2 June 2012, Ohrid, North Macedonia.
46. **D. Mitrushi**, **P. Berberi**, D. Halili, **V. Muda**, *Producing Electricity from Sunlight: Actual Situation, Bright Outlook and Uncertainties*, SIXIÈME ÉDITION DU

COLLOQUE FRANCOPHONE SUR L'ENERGIE –ENVIRONNEMENT – ECONOMIE ET THERMODYNAMIQUE (COFRET 2012) SUR LE THEME GENERAL: "EFFICACITÉ ENERGÉTIQUE–SOURCES D'ÉNERGIES RENOUVELABLES – PROTECTION DE L'ENVIRONNEMENT". 11-13 Juin 2012, Sozopol, Bulgarie.

45. **I. Giannis, P. Malkaj**, N. Hyka, "Blind estimation of SNR in medical images", THE 8TH GENERAL CONFERENCE OF BALKAN PHYSICAL UNION, 5-7 July 2012. Constanta, Romania.
44. **V. Lame-Muda**, D. Halili, **P. Berberi, D. Mitrushi, I. Bërdufi**. "General Evaluation of the environmental of Karavasta and its surroundings" THE 8TH GENERAL CONFERENCE OF BALKAN PHYSICAL UNION (BPU-8), 5-7 July 2012. Constanta, Romania.
43. N. Hyka, A. Xhumari, E. Telhaj, Th. Karaja, **D. Xhako**, "Intensity Modulated Radiation Therapy (IMRT) in Albania"; INTERNATIONAL CONFERENCE-TOWARDS FUTURE SUSTAINABLE DEVELOPMENT", November 2012, Tirana, Albania.
42. R. Zeqirllari, **D. Xhako**, A. Boriçi, "Quenched hadron spectroscopy using FermiQCD "HP-SEE USER FORUM" organized by the project HP-SEE, Beograd, Serbi, "High Performance Computing Infrastructure for South East Europe's Research Communities-Results of the HP-SEE USER FORUM 2012.
41. R. Zeqirllari, **D. Xhako**, A. Boriçi: "Light Mass Spectroscopy from LatticeQCD", THE 8TH GENERAL CONFERENCE OF THE BALKAN PHYSICAL UNION (BPU-8), July 5 – 7, 2012, Ovidius, Constanta, Rumania.
40. **D. Xhako**, R. Zeqirllari, A. Boriçi, "Quark-Antiquark Potential from Wilson Loops in Lattice QCD" "On the 100th Anniversary of the Declaration of Independence" Faculty of Natural Sciences, University of Tirana, November 2012.
39. **D. Xhako**, R. Zeqirllari, A. Boriçi, "Using Parallel Computing to Calculate Static Interquark Potential in LQCD", "HP-SEE USER FORUM" , "High Performance Computing Infrastructure for South East Europe's Research Communities-Results of the HP-SEE USER FORUM 2012, Belgrad, Serbia.
38. **D. Xhako**, R. Zeqirllari, A. Boriçi: "Quark-antiquark potential from LatticeQCD", THE 8TH GENERAL CONFERENCE OF THE BALKAN PHYSICAL UNION (BPU-8), July 5 – 7, 2012, Ovidius, Constanta, Rumania.
37. **Dh. Kuqi**, E. Gavoçi, Th. Karaja: "Analytical study of the exposure system electromagnetic fields of extremely low frequency" NATIONAL CONFERENCE ON "ADVANCED STUDIES IN MATHEMATICAL, PHYSICAL, AND CHEMICAL ENGINEERING"; Tirana, October 28, 2011.
36. **P. Malkaj**, Th. Karaja; "Study of the Electrical and Optical Properties of Polyaniline through Electrochemical Processes"; NATIONAL CONFERENCE ON "ADVANCED STUDIES IN MATHEMATICAL, PHYSICAL, AND CHEMICAL ENGINEERING"; Tirana, October 28, 2011.

35. E. Bakiu, E. Telhaj, **P. Malkaj**: "Determination of Phantom Transfer Error in the Image Transfer Process from CT Simulator to Linear Accelerator"; NATIONAL CONFERENCE ON "ADVANCED STUDIES IN MATHEMATICAL, PHYSICAL, AND CHEMICAL ENGINEERING"; Tirana, October 28, 2011.
34. A. Bendo, **V. Muda**, P. Ferunaj, A. Veveçka "A simple model of human walking" 4TH ANNUAL INTERNATIONAL CONFERENCE: PHYSICAL EDUCATION, SPORT AND HEALTH, 18-19 November, 2011. Pitesti, Romania
33. **U. Buzra, P. Berberi**. Përdorimi i analizës shumë faktoriale për integrimin e burimeve alternative të energjisë për një rajon të veçuar. KONFERENCA KOMBËTARE "TEKNOLOGJITË TË AVANCUARA - RRUGA JONË E ZHVILLIMIT", 31 Tetor 2011, Universiteti Politeknik Tiranë.
32. **A Gjevori**, J.W. Gerlach, D. Manova, W. Assmann, E. Valcheva, S. Mandl. *Influence of auxiliary plasma source and ion bombardment on growth of TiO₂ thin films*. PSE 2010, September 13-17, 2010, Garmisch-Partenkirchen, Germany
31. **A. Gjevori**, D. Hirsch, J.W. Gerlach, D. Manova, S. Mändl. *Influence of Auxiliary Plasma Source on Properties of Photoactive TiO₂ Films by MePIII&D*. DPG-SPRING-MEETING 2010, 21-26/3/2010, Regensburg, Germany.
30. E. Gavoçi, **Dh. Kuqi, M. Kuqali**, *Experimental study of a combined AC and DC magnetic field effects on ion current of cell channels* 5TH ANNUAL INTERNATIONAL MEETING OF THE ALB-SCIENCE INSTITUTE, September 2010, Tirana, Albania.
29. **Dh. Kuqi**, E. Gavoçi, **M. Kuqali**, *Hipotezat e 'Rezonancës Jonike, si një mekanizëm i mundshëm i bashkëveprimit të fushave ELF me biosistemet*, 5TH ANNUAL INTERNATIONAL MEETING OF THE ALB-SCIENCE INSTITUTE, September 2-5, 2010, Tirana, Albania.
28. **M. Kuqali**, J. Niemela, **Dh. Kuqi**, E. Gavoçi, *The setup of Rayleigh – Bénard apparatus*, 5TH ANNUAL INTERNATIONAL MEETING OF THE ALB-SCIENCE INSTITUTE, September 2-5, 2010, Tirana, Albania.
27. E. Dushi, **V. Muda**, "Determination of the attenuation model from local and regional earthquakes in Albania", THE FOURTH INTERNATIONAL ANNUAL MEETING OF "ALB-SHKENCA" INSTITUTE IASH 2010, 2-5 September 2010, Tirana, Albania.
26. **D. Mitrushi**, "Impakti social, ekonomik dhe mjedisor i energjisë diellore". 5TH ANNUAL INTERNATIONAL MEETING OF THE ALB-SCIENCE INSTITUTE, September 2-5, 2010, Tirana, Albania.
25. **E. Çaça**, *Efekt i Sunyaev Zel'dovich (SZ) nga Gupet e Galaktikave me eksperimenti MAD (Multi Array of Detector)*. 5TH ANNUAL INTERNATIONAL MEETING OF THE ALB-SCIENCE INSTITUTE, September 2-5, 2010, Tirana, Albania.
24. **E. Çaça**, *Modeli i rrjedhjes ftohëse (Cooling Flow CF) krahasuar me atë Izotermik, në profilizimin e plazmës së nxehtë në grupimet e galaktikave*. 5TH ANNUAL

INTERNATIONAL MEETING OF THE ALB-SCIENCE INSTITUTE, September 2-5, 2010, Tirana, Albania.

23. **M. Kuqali**, J. Niemela *The time of a run*, 4TH ANNUAL INTERNATIONAL MEETING OF THE ALB-SCIENCE INSTITUTE, September 2009, Tetovo, North Macedonia.
22. **I. Bërdufi**, **D. Mitrushi**, P. Zorba. “*Mundësitë e shfrytëzimit të energjive të rinovueshme në kushtet e klimës së zonës ndërkufitare të Liqenit të Ohrit*”. 4TH ANNUAL INTERNATIONAL MEETING OF THE ALB-SCIENCE INSTITUTE, September 2009, Tetovo, North Macedonia.
21. N. Çinaj, **I. Bërdufi**, **D. Mitrushi**, B. Lushaj. “*Considerations on the Potential of Renewable Energies in Fieri District, their impact on Socio-Economic Development of the Region*”. INTERNATIONAL SCIENTIFIC CONFERENCE ON ECONOMIC POLICY AND EU INTEGRATION, NOVEMBER 19-20, 2009, DURRËS, ALBANIA
20. E. Gavuçi, M. Procopi, **Dh. Kuqi**, F. Bersani: “*A preliminary study on the effects of elf magnetic field on ion channel currents*. 7TH INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION, 9-13 September 2009. Alexandroupolis, Greece.
19. I. Vullkaj, A. Done, **M. Xhoxhi**, *The characterization of a Xenon gas Jet by means of interferometric technique*, 7TH INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION, 9-13 September 2009. Alexandroupolis, Greece.
18. **A. Hoxha**, H. Oettel, D. Heger, “*Calculation of the Interdiffusion Coefficient in the Cu – Zn Diffusion Couple*”. 7TH INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION, 9-13 September 2009. Alexandroupolis, Greece.
17. **V. Muda**, L. Aliko. “*Efficiency enhancement of silicon solar cells using plasmon surfaces*”, 7TH INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION, 9-13 September 2009. Alexandroupolis, Greece.
16. V.S. Sakkopoulos; E. Dalas; N. Paliatsas; K. Emmanouil; **P. Malkaj**; S. A. Choulis, *Correlation between Thickness, Conductivity and Thermal Degradation Mechanisms of PEDOT:PSS Films*, 7th INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION, 09–13 September 2009, Alexandroupolis, Greece.
15. **A. Gjevori**. *Influence of Ion Energy and Temperature on Phase Formation of TiO₂*. 16TH INTERNATIONAL CONFERENCE ON ION BEAM MODIFICATION OF MATERIALS, August 31 – September 05 2008, Dresden, Germany.
14. **V. Muda**, A. Nylansted Larsen, L. Aliko. “*Enhancement of silicon solar cells by surface plasmons*”, THE 3rd INTERNATIONAL ANNUAL MEETING Alb – Science Institute, 1-3 September 2008, Tirana, Albania.
13. **Dh. Kuqi**, Th. Karaja: “*Three circular coils exposure system with cylindrical symmetry*” THE 4TH COURSE OF THE INTERNATIONAL SCHOOL ON BIOELECTROMAGNETICS “ALESSANDRO CHIABRERA” organized by “Ettore Majorana” Foundation and Centre for Scientific Culture for the problems of “Electromagnetic Fields and Epidemiology” 26 March-2 April, 2008, Erice (Sicily, Italy).

Përmbledhje e Veprimtarisë kërkimore-shkencore

©2025 Fakulteti i Inxhinierisë Matematike & Inxhinierisë Fizike- Universiteti Politeknik i Tiranës

12. E. Gavoci, **Dh. Kuqi**, Sh. Ahmetaga: “Quantity control radio graphic’s system in Albania”. THE 3rd INTERNATIONAL ANNUAL MEETING Alb – Science Institute, 1-3 September 2008, Tirana, Albania.
11. **Dh. Kuqi**, E. Gavoci, F. Bersani, Th. Karaja: “Characteristics of the exposure system of the three pairs of coils squares”. THE 3rd INTERNATIONAL ANNUAL MEETING ALB – SCIENCE INSTITUTE, 1-3 September 2008, Tirana, Albania.
10. M. Procopi, E. Gavoci, **Dh. Kuqi**, P. Mesirca, F. Bersani: “Magnetic field exposure system for a patch clamp set up”. THE “5TH INTERNATIONAL WORKSHOP ON BIOLOGICAL EFFECTS OF ELECTROMAGNETIC FIELDS”, 28 September-2 October 2008, Terrasini (Palermo, Italy).
9. **P. Malkaj**, Th. Karaja, *The role of organic matrix in the crystallization of sparingly soluble salts*, THE 1st INTERNATIONAL CONFERENCE ON BIOLOGICAL AND ENVIRONMENTAL SCIENCES, 2008 Tirana, Albania
8. A. Gorana, **P. Malkaj**, **V. Muda**, “Quantity Estimation of the Interactions”, 6TH INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION, 22-26 August 2006. Istanbul, Türkiye (C06-08-22.2).
7. **A. Gjevori**, **A. Hoxha**, et. al. “The Synthesis and Characterization of Nanostructured Pure Iron”, THE 5TH INTERNATIONAL SYMPOSIUM “MATERIALS AND THEIR USE”. Tetovo 2005, North Macedonia.
6. **P. Malkaj** Ch. Anestis, E. Vitoratos, S. Sakkopoulos, E. Dalas, *Inhomogeneous structure and d.c. conductivity polypirrole/zeolite and polyaniline/zeolite blends*, XXI CONFERENCE ON SOLID STATE PHYSICS AND MATERIAL SCIENCE, 2005, Nicosia, Cyprus.
5. **A. Hoxha**, “A Quantitative Study of Multiphase Diffusion in the Binary Zn-Cu System”. 4TH INTERNATIONAL SYMPOSIUM 'MATERIALS AND THEIR APPLICATIONS.' University of Vlora, Albania. 2004.
4. E. Pierri, **P. Malkaj**, E. Dalas, *Calcium carbonate crystallization in the presence of taurine*, THE 8rd HELLENIC - CYPROS SCIENTIFIC CONFERENCE OF THE CHEMISTRY ENGINEERING, 2004, Thessaloniki, Greece.
3. **V. Muda**. “Electron-Beam-Induced-Current (EBIC) for the characterization of photovoltaic devices”. 5TH GENERAL CONFERENCE OF THE BALKAN PHYSICAL UNION (BPU-5) 25-29 August 2003. Vrnjacka Banja, Serbia, Yugoslavia, (Socialist) Federal Republic of (C03-08-25.1).
2. S. Sakkopoulos, E Vitoratos, E Dalas, **P Malkaj**, *Electrical conductivity and thermic degradation studies of the conducting composites PPY/PA*, THE XVII HELLENIC CONFERENCE OF THE CONDENSED MATTER, Nafplio 2000, Greece.
1. S Sakkopoulos, E Vitoratos, E Dalas, N Kyriakopoulos, **P Malkaj**, *The heterogeneous structure studies of the conducting grains in polypirrole, polyaniline and polypirrole/polyaniline blends from their thermal*, THE XVIII HELLENIC CONFERENCE OF THE CONDENSED MATTER, 2000, Iraklios, Crete, Greece

**BOTIME NË PROCEEDINGS TË KONFERENCAVE – PAPERS PUBLISHED
IN PROCEEDINGS OF CONFERENCES**

146. **M. Mema**, K. Kristo, E. Xhuvani, F. Babani; *Fluorescence spectra as the main indicator of the functioning of the photosynthetic apparatus in plants*. PROCEEDINGS OF THE XXXIV INTERNATIONAL ONLINE SCIENTIFIC CONFERENCE, June 6-7 2024, Stara Zagora- Bulgaria. SPECIAL ISSUE INTERNATIONAL SCIENTIFIC ON-LINE JOURNAL “SCIENCE & TECHNOLOGIES”, Vol. XIV (2024), No. 2, NATURAL AND MATHEMATICAL SCIENCE, pp. 1-5. ISSN: 1314-4111.
145. **A. Llozana, A. Gjevori**, A. Zeqiraj, N. Syla, F. Aliaj. *Densities and sound speeds of ternary mixtures methyl tertbutyl ether+cyclohexane + benzene and their binary subsystems at a temperature 298.15 K and under ambient pressure*. PROCEEDINGS OF THE 34th INTERNATIONAL SCIENTIFIC CONFERENCE, June 06-07, 2024, Stara Zagora, Bulgaria. SPECIAL ISSUE INTERNATIONAL SCIENTIFIC ON-LINE JOURNAL “SCIENCE & TECHNOLOGIES”, Vol. XIV (2024), No. 2, TECHNICAL STUDIES, pp. 8-13. ISSN: 1314-4111.
144. **A. Gjevori, A. Llozana**, A. Zeqiraj, N. Syla, F. Aliaj. *Thermophysical properties of the 1-propanol + cyclohexane + benzene ternary system and its binary subsystems at the temperature 298.15 K and under ambient pressure*. PROCEEDINGS OF THE 34th INTERNATIONAL SCIENTIFIC CONFERENCE, June 06-07, 2024, Stara Zagora, Bulgaria. SPECIAL ISSUE INTERNATIONAL SCIENTIFIC ON-LINE JOURNAL “SCIENCE & TECHNOLOGIES”, Vol. XIV (2024), No. 2, TECHNICAL STUDIES, pp. 1-7. ISSN: 1314-4111.
143. **Dh. Kuqi**, E. Zeneli, **M. Kuqali**, “*The monitoring and assessment of electromagnetic fiends near one or more base stations for telecommunication systems*”; PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON **RADIATION APPLICATIONS IN PHYSICS, CHEMISTRY, BIOLOGY, MEDICAL SCIENCE, ENGINEERING AND ENVIRONMENT SCIENCES**, (RAP 2024), June 10-12 2024, University of Granada, Spain. In Press
142. **M. Kuqali**, Gj. Rrota, G. Nafezi, **Dh. Kuqi**: “*Indoor Radon Levels at historical area of Shkodra city*”; PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON **RADIATION APPLICATIONS IN PHYSICS, CHEMISTRY, BIOLOGY, MEDICAL SCIENCE, ENGINEERING AND ENVIRONMENT SCIENCES**, (RAP 2024), June 10-12 2024, University of Granada, Spain. In Press
141. Gj. Rrota, **M. Kuqali**, G. Nafezi, **Dh. Kuqi**: “*Indoor Radon Levels at FIMKIF, PUT*”; PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON **RADIATION APPLICATIONS IN PHYSICS, CHEMISTRY, BIOLOGY, MEDICAL SCIENCE, ENGINEERING AND ENVIRONMENT SCIENCES**, (RAP 2024), June 10-12 2024, University of Granada, Spain. In Press
140. R. Osmanaj, **D. Xhako**, K. Peqini, “*Teaching Based Ranking of Departments Using PageRank*”, PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON **PHYSICS, INFORMATION AND COMPUTATIONAL PHYSICS (ICPICP 2022)**,

September 20-21, 2022, Lisbon, Portugal. PROCEEDING in “OPEN SCIENCE INDEX 16, IRC2022, XVI-INTERNATIONAL RESEARCH CONFERENCE PROCEEDING”, pp. 62-64. ISSN:1307 – 6892.

139. **A. Gjevori**, L. Kola. *Investigation of structural properties of TiO₂ thin films by MPIII&D*. PROCEEDINGS OF THE 32th INTERNATIONAL SCIENTIFIC CONFERENCE, June 02-03, 2022, Stara Zagora, Bulgaria. SPECIAL ISSUE : INTERNATIONAL SCIENTIFIC ON-LINE JOURNAL “SCIENCE & TECHNOLOGIES”, Volume XII(2022), Number 3, pages 1-5, ISSN: 1314-4111.
138. **A. Gjevori**. *Properties of TiO₂ thin films produced by IBSD*. PROCEEDINGS OF THE 31th International Scientific Conference, June 03-04, 2021, Stara Zagora, Bulgaria. SPECIAL ISSUE: INTERNATIONAL SCIENTIFIC ON-LINE JOURNAL “SCIENCE & TECHNOLOGIES”, Volume XI (2021), Number 3, pages 1-5, ISSN: 1314-4111.
137. **A. Gjevori**, N. Izairi, F. Ajredini, Sh. Dehari. *Thin Film Deposition Using PVD*. PROCEEDINGS OF THE XXIII INTERNATIONAL SCIENTIFIC CONFERENCE KNOWLEDGE IN PRACTICE, 12 – 15 december, 2019 Bansko, Bulgaria. SPECIAL ISSUE: INTERNATIONAL JOURNAL “KNOWLEDGE”, Vol 35(2019), No 3, pp. 979 – 986, ISSN: 2545 – 4439.
136. **A. Gjevori**, N. Izairi, F. Ajredini, *Influence of ion doping on photoactivity of TiO₂ thin films by MEPIII&D*. PROCEEDINGS OF THE 29th INTERNATIONAL SCIENTIFIC CONFERENCE, June 06-09, 2019, Stara Zagora, Bulgaria. SPECIAL ISSUE: INTERNATIONAL SCIENTIFIC ON-LINE JOURNAL “SCIENCE & TECHNOLOGIES”, Vol. IX (2019), No. 3, 1-6, ISSN: 1314-4111.
135. **A. Gjevori, A. Hoxha**. *Investigation on thin film properties produced by energetic ions deposition*. PROCEEDINGS OF THE 27th INTERNATIONAL SCIENTIFIC CONFERENCE, June 01-02, 2017, Stara Zagora, Bulgaria. SPECIAL ISSUE: INTERNATIONAL SCIENTIFIC ON-LINE JOURNAL “SCIENCE & TECHNOLOGIES”, Vol. VII (2017), No. 3, 115-121, ISSN: 1314-4111.
134. **A. Gjevori**. *Decolorization of methylene blue from tio₂ thin films produced by metal plasma immersion ion implantation and deposition*. PROCEEDINGS OF THE 26th INTERNATIONAL SCIENTIFIC CONFERENCE, June 02-03, 2016, Stara Zagora, Bulgaria. SPECIAL ISSUE: INTERNATIONAL SCIENTIFIC ON-LINE JOURNAL “SCIENCE & TECHNOLOGIES”, Volume VI (2016), No. 3, 6-12, ISSN: 1314-4111.
133. **A. Gjevori, A. Hoxha**, *Optimization of the synthesis parameters of nanocrystalline Fe*. PROCEEDINGS OF THE 25th INTERNATIONAL SCIENTIFIC CONFERENCE, June 04-05, 2015, Stara Zagora, Bulgaria. SPECIAL ISSUE: INTERNATIONAL SCIENTIFIC ON-LINE JOURNAL “SCIENCE & TECHNOLOGIES”, Volume V (2015), Number 3, pp. 15-19, ISSN: 1314-4111.
132. **A. Gjevori, A. Hoxha**, N. Izairi, B. Ziberi, *Influence of auxiliary plasma source on thin films growth by MEPIIID*. PROCEEDINGS OF THE FIRST INTERNATIONAL CONFERENCE OF APPLIED SCIENCES, May 8-9, 2015, Tetova, North

Macedonia. "JAS-SUT" JOURNAL OF APPLIED SCIENCES, Vol 1(2015), No. 2, pp. 9-14, ISSN: 1857-9930.

131. **A. Hoxha**, *Formation of Intermetallic Phases During the Interdiffusion Process*. PROCEEDINGS OF THE SUMMER SCHOOL "MICROSTRUCTURE FORMATION IN MATERIALS. July 23 – August 3, 2007, Struga, North Macedonia
130. **A. Hoxha**, "The Interdiffusion Process in Binary Systems." PROCEEDINGS OF THE SUMMER SCHOOL "MATERIAL DIAGNOSIS." July 17 – 29, 2006, University of Elbasan.
129. **D. Mitrushi, U. Buzra, D. Halili, V. Muda**. *The Possibility of Integrating Electricity through Renewable Sources in Sazani Island*. THE PROCEEDINGS OF 9TH EUROPEAN CONFERENCE ON RENEWABLE ENERGY SYSTEMS. ECRES 2021. 21-23 April 2021, Istanbul, Turkey. pp. 502-506. ISBN: 978-605-86911-9-3.
128. **D. Mitrushi**. *The assessment of the tilt angle for optimal solar energy utilization, case southern Albania*. THE PROCEEDINGS OF BPU11 CONGRESS 28 August - 1 September 2022, Belgrade. ISBN: 978-86-7025-950-8.
127. R. Firanj, L. Kurti, O. Çakaj, I. Bakiri, A. Ylli, **V. Muda, A. Gjevori**, F. Ylli *Detection Of Microplastics in Marine Sediments Near the Estuary of "Erzen" River Using Spectroscopic Methods"* PROCEEDINGS OF THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, ICEAS 2022, 17-18 November 2022, Tirana, Albania. pp. 183-189. ISBN 978-9928-370-20-4.
126. **D. Mitrushi**. *Critical overview of renewable energy resources in Albania: Potentials, technologies and costs*. THE PROCEEDINGS OF BPU11 CONGRESS 28 August - 1 September 2022, Belgrade. ISBN: 978-86-7025-950-8.
125. **D. Mitrushi**. *Solar energy in Albania: Comparison of solar energy prediction models*. THE PROCEEDINGS OF FIRST CONFERENCE ORGANIZED BY THE NATIONAL INSTITUTE OF PHYSICS (NIP) 10 - 11 February 2022, Academy of Sciences of Albania. ISBN 978-9928-173-88-1.
124. **D. Mitrushi, U. Buzra, V. Muda, P. Berberi**. *Analysis of a pump-turbine storage system to increase the level of renewable energy*. PROCEEDINGS OF THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, ICEAS 2022, 17-18 November 2022. Tiranë, Albania. pp. 56-62. ISBN 978-9928-370-20-4.
123. **U. Buzra, D. Halili, D. Mitrushi**. *Optimal design of hybrid PV-Wind-Battery systems for supply of Microgrids*. PROCEEDINGS OF THE 1st INTERNATIONAL SCIENTIFIC CONFERENCE IN MATHEMATICS AND PHYSICS, AND THEIR APPLICATIONS (1-st ISCMPA), 03 – 04 November 2022. University of Elbasan, Albania. pp. 199-207, ISBN: 978-9928-321-53-4.
122. **D. Mitrushi**. *Optimization of a Reversible pump turbine, for integration into Pumped storage system*. THE PROCEEDINGS OF 9th INTERNATIONAL TEXTILE CONFERENCE & 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND ENTREPRENEURSHIP 2021. 18-19 November 2021 Tirana, Albania. ISBN: 978-9928-309-31-0.

121. **D. Mitrushi**. *Complementare study of renewable energy sources for the southern part of Albania*. THE PROCEEDINGS OF 9th INTERNATIONAL TEXTILE CONFERENCE & 3RD INTERNATIONAL CONFERENCE ON ENGINEERING AND ENTREPRENEURSHIP 2021. 18 – 19 November 2021, Tirana, Albania. ISBN: 978-9928-309-31-0.
120. L. Daci, **P. Malkaj**, **D. Mitrushi** *Linac Commissioning For Radiosurgery Treatments A Single –Institution Expirience In Albania*, PROCEEDINGS OF THE 9th INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION, 24-27 August 2015, İstanbul / Turkey.
119. I. Selmani, **P. Malkaj**. *The uniform distribution of dose on tumor*, PROCEEDINGS OF THE 1st INTERNATIONAL CONFERENCE: “RESEARCH APPLICATION AND EDUCATIONAL METHODS” (RAEM), May 24, 2019, KORÇË, ALBANIA. pp. 82-86. ISSN 2078-7111.
118. D. Halili, **P. Berberi**, **V. Lame-Muda** *Regional Distribution Of Life Cycle Cost Of Hot Water Produced By Solar Collectors In Albania*. PROCEEDINGS OF THE 9th INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION, 24-27 August 2015, İstanbul / Turkey
117. **D. Mitrushi**, **P. Berberi**. *Satellite Solar Data For Applications In Photovoltaic Systems In Albania And Economic Performance Assessment*. PROCEEDINGS OF THE 9th INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION, 24-27 August 2015, İstanbul / Turkey.
116. **U. Buzra**, **P. Berberi**, **D. Mitrushi**, **V. Muda**, D. Halili, **I. Bërdufi**, A. Muçka, *Temporal Evolution Of Solar Energy In Cloudless Days As An Indicator For Changes In Concentration Of Aerosols In Atmosphere And In Solar Energy Budget*. PROCEEDINGS OF SEPTIÈME ÉDITION DU COLLOQUE FRANCOPHONE EN ENERGIE, ENVIRONNEMENT, ECONOMIE ET THERMODYNAMIQUE - COFRET'14 Paris, Cnam - 23 - 24 - 25 avril 2014.
115. **I. Bërdufi**, F. Cfarku, M. Shyti. “Occupational radiation exposure for dental radiation workers and diagnostic radiology workers in Albania”. PROCEEDINGS OF THE 1st INTERNATIONAL CONFERENCE ON PIONEER AND INNOVATIVE STUDIES (ICPIS 2023). Konya, Turqi, 2023. Proceeding book of 1st ICPIS (2023) Volume 1, pp. 185 – 188. ISBN: 978-625-99108-4-0, ISSN: 2980-258X.
114. E. Spahiu, **I. Bërdufi**, M. Shyti. "Determination of radioactivity in soil samples and evaluation of excess lifetime cancer risk in Albania". PROCEEDINGS OF THE 11TH INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION (BPU11) - S01-NPNE NUCLEAR PHYSICS AND NUCLEAR ENERGY, 28 August - 1 September 2022 Belgrade, Serbia. PROCEEDINGS OF SCIENCE (PoS), Volume 427(2023), pp. 1 – 10, ISSN: 1824 – 8039.
113. **I. Bërdufi**, E. Spahiu, M. Shyti, E. Bylyku. “Determination of the radioactivity level of concrete level used as shielding for medical ⁶⁰Co source”. PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON RADIATION APPLICATIONS. Thessaloniki, Greece 2022, RAP CONFERENCE PROCEEDINGS (2022), Vol. 7, pp. 31 - 34. ISSN: 2737-9973. ISBN: 978-86-81652-01-5.

112. E. Spahiu, **I. Bërdufi**, M. Shyti, F. Cfarku. “*Monitoring cosmogenic and terrestrial radionuclides in ground level air samples by gamma spectrometry in Albania*”. PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON RADIATION APPLICATIONS. Thessaloniki, Greece 2022, RAP CONFERENCE PROCEEDINGS (2022), Vol. 7, pp. 54 - 57. ISSN: 2737-9973. ISBN: 978-86-81652-01-5.
111. E. Spahiu, **I. Bërdufi**, M. Shyti. “*Preliminary investigation of naturally occurring radionuclides in some spices used in Albania*”. PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON RADIATION APPLICATIONS. Thessaloniki, Greece 2022, RAP CONFERENCE PROCEEDINGS (2022), Vol. 7, pp. 07 - 11. ISSN: 2737-9973. ISBN: 978-86-81652-01-5.
110. **I. Bërdufi**, M. Shyti, F. Cfarku, K. Bode, E. Bylyku, “*Assessment of occupational exposure among medical staff of University Hospital Center “Mother Theresa” in Tirana during 2012 – 2017*”. PROCEEDINGS OF THE 10TH JUBILEE INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION, 26–30 August 2018, Sofia, Bulgaria. AIP CONFERENCE PROCEEDINGS, (2019), Vol. 2075, 170018. ISSN: 0094 - 243X, ISSN (Online) 1551 - 7616.
109. **D. Mitrushi, I. Bërdufi**, E. Serdari, **P. Berberi, V. Muda, U. Buzra**, D. Topciu, *Feasibility study of impact of wind energy potential in Karaburuns area in Albania*, PROCEEDINGS OF THE 10TH JUBILEE INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION, 26–30 August 2018, Sofia, Bulgaria. AIP CONFERENCE PROCEEDINGS, (2019), Vol. 2075, 200020 (2019). ISSN: 0094 - 243X, ISSN (Online) 1551 - 7616.
108. F. Cfarku, M. Shyti, **I. Bërdufi**, P. Dhoqina, E. Bylyku. “*Radioactivity of Po-210 in drinking water samples of Albania*”. PROCEEDINGS OF THE 10TH JUBILEE INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION, 26–30 August 2018, Sofia, Bulgaria. AIP CONFERENCE PROCEEDINGS (2019), Vol. 2075, 130030. ISSN: 0094 - 243X, ISSN (Online) 1551 – 7616.
107. E. Serdari, **V. Muda, U. Buzra, I. Bërdufi**, D. Halili, **D. Mitrushi, P. Berberi**. *The feasibility study of a 12 MW grid-connected wind power farm in Albania using RETScreen*. PROCEEDINGS OF THE 10TH JUBILEE INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION, 26–30 August 2018, Sofia, Bulgaria. AIP CONFERENCE PROCEEDINGS 2075, 200021 (2019) ISSN: 0094 - 243X, ISSN (Online) 1551 - 7616.
106. F. Cfarku, M. Shyti, **I. Bërdufi**, P. Dhoqina, E. Bylyku. “*Determination of gross Alpha Beta surface contamination by handheld equipment*”. PROCEEDINGS OF THE 10TH JUBILEE INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION, 26–30 August 2018, Sofia, Bulgaria. AIP CONFERENCE PROCEEDINGS (2019), Vol. 2075, 130029. ISSN: 0094 - 243X, ISSN (Online) 1551 - 7616.
105. M. Shyti, F. Cfarku, **I. Bërdufi**, E. Bylyku, R. Hoxha. “*Natural radioactivity in cigarette tobacco and radiation dose induced from smoking*”. PROCEEDINGS OF THE 10TH JUBILEE INTERNATIONAL CONFERENCE OF THE BALKAN

- PHYSICAL UNION, 26–30 August 2018, Sofia, Bulgaria. AIP CONFERENCE PROCEEDINGS (2019), Vol. 2075, 130013. ISSN: 0094 - 243X, ISSN (Online) 1551 - 7616.
104. M. Shyti, **I. Bërdufi**, F. Cfarku, G. Xhixha “*Analysis of activity concentration of the natural radionuclides in the soil of institute of applied nuclear physics in Albania and assessment of annual effective dose*”. RAD CONFERENCE PROCEEDINGS, Vol. 3, pp. 77 – 80, 2018. ISSN 2466-4626 (online).
103. **D. Mitrushi**, E. Serdari, **P. Berberi**, **I. Bërdufi**, **U. Buzra**, D. Topçiu, **V. Muda**, “*Feasibility study of impact of wind energy potential in Karaburun’s area in Albania*”. PROCEEDINGS OF THE 10TH JUBILEE INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION, 26–30 August 2018, Sofia, Bulgaria. AIP CONFERENCE PROCEEDINGS, 2075, 200020, (2019). ISSN: 0094 - 243X, ISSN (Online) 1551 - 7616.
102. E. Serdari, **V. Muda**, **U. Buzra**, **I. Bërdufi**, D. Halili, M. Halili, **D. Mitrushi**, **P. Berberi**. “*The feasibility study of a 12MW grid-connected wind power farm in Albania using RetScreen*”. PROCEEDINGS OF THE 10TH JUBILEE INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION, 26–30 August 2018, Sofia, Bulgaria. AIP CONFERENCE PROCEEDINGS, (2019), Vol. 2075, 200021. ISSN: 0094 - 243X, ISSN (Online) 1551 - 7616.
101. **D. Mitrushi**, **V. Muda**, D. Halili, **I. Bërdufi**, **U. Buzra**, **P. Berberi** *Regional distribution of life cycle cost of hot water produced by collectors in Albania*. PROCEEDINGS OF 9TH INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION (BPU-9), 24–27 August 2015, Istanbul, Turkey.
100. K. Tushe, H. Recu, B. Daci, E. Bylyku, **I. Bërdufi**, E. Kiri, “*Indoor radon concentration related to geological soils at different work places of Albania*”. RAD CONFERENCE PROCEEDINGS, Vol. 3, pp. 111–114, 2018. ISSN 2466-4626 (online). Doi: 10.21175/RadProc. 2018.24.
99. **I. Bërdufi**, **P. Berberi**, **D. Mitrushi**, **V. Muda**, D. Topciu, **U. Buzra**, E. Serdari. “*Empirical models for energy yield of a Photovoltaic System connected to the grid*”. PROCEEDINGS OF THE 4TH INTERNATIONAL CONFERENCE ON RENEWABLE ELECTRICAL POWER SOURCES, 17 - 18 October 2016, Beograd, Serbia. ISBN 978-86-81505-80-9, pp. 93-103.
98. **D. Mitrushi**, **P. Berberi**, **I. Bërdufi**, **V. Muda**, D. Topciu, **U. Buzra**, E. Serdari. “*Regional Variation LCOE of Photovoltaic Systems in Albania using Satellite Solar Data*”. PROCEEDINGS OF THE 4TH INTERNATIONAL CONFERENCE ON RENEWABLE ELECTRICAL POWER SOURCES, 17 - 18 October 2016, Beograd, Serbia, ISBN 978-86-81505-80-9, pp. 55-66.
97. E. Serdari, **P. Berberi**, **V. Muda**, **U. Buzra**, **D. Mitrushi**, D. Halili, **I. Bërdufi**, *Simulation of Wind Power Generation System Based On Techno-Economic Analysis*, PROCEEDINGS OF THE 4th INTERNATIONAL CONFERENCE ON RENEWABLE ELECTRICAL POWER SOURCES, 17-18 October 2016, Beograd, Serbia PROCEEDINGS, ISBN 978-86-81505-80-9, pp. 67-75.

96. **U. Buzra, P. Berberi, D. Mitrushi, V. Muda, D. Halili, I. Bërdufi, E. Serdari,** *Modification of Solar Energy Potential Due To Anthropogenic Aerosols In Atmosphere of Tirana*, PROCEEDINGS OF THE 4TH INTERNATIONAL CONFERENCE ON RENEWABLE ELECTRICAL POWER SOURCES, 17-18 October 2016, Beograd, Serbia. ISBN 978-86-81505-80-9, pp. 75-84.
95. D. Halili, **P. Berberi, D. Mitrushi, V. Muda, U. Buzra, I. Bërdufi, E. Serdari.** *Influence of Yearly Distribution of Solar Energy on The Feasibility of Solar Collectors in The City of Tirana*, PROCEEDINGS OF THE 4TH INTERNATIONAL CONFERENCE ON RENEWABLE ELECTRICAL POWER SOURCES, 17-18 October 2016, Beograd, Serbia. pp. 45-57. ISBN 978-86-81505-80-9.
94. **V. Muda, P. Berberi, I. Bërdufi, D. Mitrushi, D. Topçiu, U. Buzra, E. Serdari,** *Merging of Ground-Based And Satellite-Derived Data of Surface Solar Radiation in City of Tirana, Albania*. PROCEEDINGS OF THE 4TH INTERNATIONAL CONFERENCE ON RENEWABLE ELECTRICAL POWER SOURCES, 17 - 18 October 2016, Beograd, Serbia, pp. 85-93. ISBN 978-86-81505-80-9.
93. **V. Lame, D. Mitrushi, U. Buzra.** *Critical review for renewable energy in Albania, the possibility of complementarity of energy resources*. THE PROCEEDINGS OF THE 3RD INTERNATIONAL CONFERENCE ON APPLIED SCIENCES AND ENGINEERING ICEAS, 17-18 November 2022, Tirana, Albania. pp. 233-240.
92. **A. Hoxha, H. Oettel, D. Heger,** *Calculation of the Interdiffusion Coefficient in the Cu – Zn Diffusion Couple*. PROCEEDINGS OF THE 7TH INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION, 9-13 September 2009. Alexandroupolis, Greece. AIP CONFERENCE PROCEEDINGS 1203, 591–595 (2010).
91. **A. Hoxha, A. Gjevori, B. Ziberi** *The use of smart components and systems in building constructions and architectural applications*, PROCEEDINGS OF THE FIRST INTERNATIONAL CONFERENCE OF APPLIED SCIENCES, May 8-9, 2015, Tetovo, North Macedonia. “JAS-SUT” JOURNAL OF APPLIED SCIENCES, Vol 1 (2015), No. 1, pp. 78-83, ISSN: 1857-9930.
90. **D. Askushaj, A. Hoxha, T. Mulaj,** *Properties of self compacting concrete containing different mineral admixtures*. PROCEEDINGS OF THE FIRST INTERNATIONAL CONFERENCE OF APPLIED SCIENCES (ICAS2015), May 8-9, 2015, Tetovo, North Macedonia. JOURNAL OF APPLIED SCIENCES – SUT, vol.1 (2015), No.1, 1857 - 9930
89. **I. Bërdufi, P. Berberi, D. Mitrushi, V. Muda, D. Topçiu, U. Buzra.** “*The performance of a grid connected photovoltaic system Part I: Durisch and Evans energetic models*”. PROCEEDINGS OF THE 9th INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION, August 24–27, 2015, Istanbul University, Istanbul, Turkey. AIP CONFERENCE PROCEEDINGS. 1722, 280003 (2016).
88. L. Daci, **P. Malkaj,** *True beam commissioning experience at Nordland Hospital*

- Trust, Norway*, PROCEEDINGS OF THE 9th INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION, August 24–27, 2015, Istanbul University, Istanbul, Turkey. AIP CONFERENCE PROCEEDINGS. 1722, 150001 (2016).
87. L. Daci, **P. Malkaj**, *Implementation of IMRT and VMAT using Delta4 phantom and portal dosimetry as dosimetry verification tools*, PROCEEDINGS OF THE 9th INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION, August 24–27, 2015, Istanbul University, Istanbul, Turkey. AIP CONFERENCE PROCEEDINGS. 1722, 030002 (2016).
86. S. Baci, E. Telhaj, **P. Malkaj**, *Beam related response of in vivo diode detectors for external radiotherapy*. PROCEEDINGS OF THE 9th INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION, August 24–27, 2015, Istanbul University, Istanbul, Turkey. AIP CONFERENCE PROCEEDINGS. 1722, 180002 (2016).
85. **D. Mitrushi, P. Berberi, I. Bërdufi, V. Muda**, D. Topçiu, **U. Buzra**, “*A comparative study of satellite estimation for solar insolation in Albania with ground measurements*”. PROCEEDINGS OF THE 9th INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION, August 24–27, 2015, Istanbul, Turkey. AIP CONFERENCE PROCEEDINGS. 1722, 280006 (2016).
84. **D. Mitrushi, P. Berberi, I. Bërdufi, V. Muda**, D. Topçiu, **U. Buzra**, “*Use of satellite solar data for assessment of performance of photovoltaic systems installed in different regions of Albania*”. PROCEEDINGS OF THE 9th INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION, August 24–27, 2015, Istanbul, Turkey. AIP CONFERENCE PROCEEDINGS. 722, 280005 (2016);
83. **U. Buzra**, D. Halili, **D. Mitrushi, V. Muda**, E. Serdari, **I. Bërdufi, P. Berberi**. *Influence of anthropogenic aerosols in near atmosphere in the city of Tirana on ground budget of solar energy*; PROCEEDINGS OF THE 10TH JUBILEE INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION 26–30 August 2018 Sofia, Bulgaria. AIP CONFERENCE PROCEEDINGS 2075, 140007 (2019).
82. I. Selmani, **P. Malkaj**, *The assessment of dependence of wedge factor from the size of radiation field*, PROCEEDINGS OF THE 10TH JUBILEE INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION, 26–30 August 2018, Sofia, Bulgaria. AIP CONFERENCE PROCEEDINGS, Vol. 2075, 170016 (2019).
81. I. Selmani, **P. Malkaj**, *The use of wedge in the treatment planning system*, PROCEEDINGS OF THE 10TH JUBILEE INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION, 26–30 August 2018, Sofia, Bulgaria. AIP CONFERENCE PROCEEDINGS, Vol. 2075, 170015 (2019).
80. **I. Bërdufi, P. Berberi, D. Mitrushi**. “*The Performance Analysis of a Grid Connected Photovoltaic System*”. PROCEEDINGS OF THE INTERNATIONAL PHYSICS CONFERENCE, November 6, 2015. University of Tirana, Tirana, Albania. pp. 85 - 89. ISBN 978-9928-4217-8-1.

79. D. Halili, **P. Berberi, D. Mitrushi, V. Muda-Lame**. “Regional Distribution of Life Cycle Cost of Electrical Energy Produced by Photovoltaics in Albania”, PROCEEDINGS OF THE 5TH INTERNATIONAL SCIENTIFIC CONFERENCE ON WATER, CLIMATE AND ENVIRONMENT (BALWOIS 2012), 28 May-2 June 2012, Ohrid, North Macedonia.
78. **D. Mitrushi, P. Berberi, D. Topciu, V. Lame-Muda**, *Economic and Environmental Impacts of Solar Energy in Albania*. PROCEEDINGS OF THE 5TH INTERNATIONAL SCIENTIFIC CONFERENCE ON WATER, CLIMATE AND ENVIRONMENT (BALWOIS 2012), 28 May-2 June 2012, Ohrid, North Macedonia
77. D. Halili, **P. Berberi, D. Mitrushi, V. Muda-Lame** “Regional distribution of life cost of electrical Energy produced by photovoltaics in Albania“. PROCEEDINGS OF THE 5TH INTERNATIONAL SCIENTIFIC CONFERENCE ON WATER, CLIMATE AND ENVIRONMENT (BALWOIS 2012), 28 May-2 June 2012, Ohrid, North Macedonia.
76. **D. Mitrushi, P. Berberi, D. Halili, V. Muda** “Producing electricity from sunlight: Actual situation, bright outlook and uncertainties”, PROCEEDINGS OF SIXIÈME ÉDITION DU COLLOQUE FRANCOPHONE SUR L’ENERGIE – ENVIRONNEMENT – ECONOMIE ET THERMODYNAMIQUE (COFRET 2012) SUR LE THEME GENERAL: ”EFFICACITÉ ENERGÉTIQUE–SOURCES D’ÉNERGIES RENOUVELABLES – PROTECTION DE L’ENVIRONNEMENT”. 11-13 Juin 2012, Sozopol, Bulgarie, ISBN: 978-619-460-008—3, pp. 345-349.
75. **V. Lame-Muda, D. Halili, P. Berberi, D. Mitrushi, I. Bërdufi**. “General Evaluation of the environmental of Karavasta and its surroundings” PROCEEDINGS OF THE 8TH GENERAL CONFERENCE OF BALKAN PHYSICAL UNION (BPU-8), 5-7 July 2012. Constanta, Romania.
74. **J. Jani**, “Numerical Integration of Delay Differential Equations Using Python Programming Language and Comparing with Matlab Methods”, PROCEEDINGS OF THE INTERNATIONAL EUROPEAN CONFERENCE ON INTERDISCIPLINARY SCIENTIFIC RESEARCHES, January 28-29, 2022 Valencia, Spain, ISBN: 978-625-7464-70-3.
73. **J. Jani, R. Basha**, “A Prototype Autonomous Vehicle for Research and Rescue Based on Arduino Uno Microcontroller”, PROCEEDINGS OF THE INTERNATIONAL LIBERTY INTERDISCIPLINARY STUDIES CONFERENCE, January 16-17, 2022 / Manhattan, New York, ISBN: 978-1-955094-19-1
72. **J. Jani, M. Kurtulaj**, “The Maxwell Distribution of Molecular Speeds Generated by Monte Carlo Simulation Techniques”, PROCEEDINGS OF THE INTERNATIONAL ANTALYA SCIENTIFIC RESEARCH AND INNOVATIVE STUDIES CONGRESS, 18-21 December 2021, Antalya, ISBN: 978-625-7898-57-7
71. **D. Hyka-Xhako, N Hyka, J Jani**, “A method for determination of relative bone density in implantology” PROCEEDINGS OF THE 10TH JUBILEE INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION, 26–30

August 2018, Sofia, Bulgaria. AIP CONFERENCE PROCEEDINGS, Vol. 2075, No. 1, 170030 (2019)

70. **D. Hyka-Xhako**, R Osmanaj, **J Jani**, “*The physical scale from string tension in LQCD*”, PROCEEDINGS OF THE 10TH JUBILEE INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION, 26–30 August 2018, Sofia, Bulgaria. AIP CONFERENCE PROCEEDINGS, Vol. 2075, No. 1, 110002 (2019)
69. B. Papajani, E. Vataj, A. Hasimi, **P. Malkaj**, *Spherulitic microstructure and the effect of factors on the crystallization kinetics of pure isotactic polypropylene*, PROCEEDINGS OF THE 10TH JUBILEE INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION, 26–30 August 2018, Sofia, Bulgaria. AIP CONFERENCE PROCEEDINGS, 2075, 030014 (2019)
68. N. Hyka, **D. Xhako**, “*New Method to Calculate the Tumor Control Probability for PPIR*”, PROCEEDINGS OF TURKISH PHYSICAL SOCIETY 35TH INTERNATIONAL PHYSICS CONGRESS (TPS35), 4–8 September 2019, Bodrum, Turkey. AIP CONFERENCE PROCEEDINGS, 2178, 030052 (2019);
67. **J. Jani**, **P. Malkaj**, “*Simulation of performance of a chaotic encryption scheme based on Chua’s*”, PROCEEDINGS OF THE 3RD VIRTUAL INTERNATIONAL CONFERENCE ON ADVANCED RESEARCH IN SCIENTIFIC, SLOVAKIA (ARSA 2014- Publishing Institution of the University of Zilina., Vol. 3 (2014), No. 1, pp. 293-295.
66. **M. Mema**; *The influence of climatic and environmental factors on the evaluation of the photosynthetic apparatus on pear leaves*. PROCEEDINGS OF THE THIRTY-FIFTH INTERNATIONAL CONFERENCE ON: “SOCIAL AND NATURAL SCIENCES – GLOBAL CHALLENGE 2024”(ICSNS XXXV-2024) Paris - 25 June 2024. pp 56-64, ISBN: 978-9928-259-23-7.
65. **M. Mema**, E. Xhuvani, K. Kristo; *Fluorescence ratio F690/F735 main indicator of adaptation of fruit trees to the environment*. PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON ENVIRONMENT AND LIFE SCIENCE (EUCELS), EURASIAWEB INTERNATIONAL CONFERENCE, Lyon, France 04-07-2024. pp 51-54, ISBN978-93-90150-32-8.
64. **M. Mema**, E. Xhuvani, K. Kristo, F. Babani; *Activity of The Photosynthetic Apparatus In Plants Under The Influence of Direct Solar Radiation*. PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON ENVIRONMENT, CLIMATE AND EARTH SCIENCES 9 - 10 May, 2024 Tirana, Albania.. Publication no.35, year 2024, JOURNAL OF NATURAL SCIENCES. pp 207-218, ISSN: 2305-882X.
63. **M. Mema**, K. Kristo, E. Xhuvani, O. Çati, F. Babani; *The study of reflection spectra as an indicator for environmental stresses on fruit trees*. PROCEEDINGS OF THE 1st INTERNATIONAL CONFERENCE ON APPLIED PHYSICS (ICAP 2019) November 20-22, 2019, Tirana, Albania. SPECIAL ISSUE OF JOURNAL OF NATURAL SCIENCES, No. 28 (2019), pp. 192-198, ISSN: 2305-882X.
62. **M. Mema**. F. Babani, K. Kristo, *Spectral characteristics and activity of*

photosynthetic apparatus of fruit trees in the presence of environmental stress. PROCEEDINGS OF THE INTERNATIONAL PHYSICS CONFERENCE, 13-14 November 2015, Tirana Albania, pp. 117-122.

61. O. Çati, **M. Mema**, K. Kristo, E. Xhuvani. *A treatment planning for tumours in pelvis area.* PROCEEDINGS OF THE INTERNATIONAL PHYSICS CONFERENCE, 13-14 November 2015, Tirana Albania, pp. 123-127.
60. **M. Mema**, F. Babani, K. Kristo, **E. Hida**; *Characteristics of the reflection spectra of green plants in the presence of environmental stresses,* PROCEEDINGS OF THE XXVI INTERNATIONAL SCIENTIFIC CONFERENCE, June 2-3, 2016, Stara Zagora, Bulgaria. SPECIAL ISSUE: INTERNATIONAL SCIENTIFIC ON-LINE JOURNAL "SCIENCE & TECHNOLOGIES", Volume VI (2016), No. 1, 113-119. ISSN: 1314-4111
59. **M. Mema**, F. Babani, **E. Hida**, K. Kristo; *Fluorescence imaging and pigment determination of populus by the photosynthetic apparatus in Dajt area.* PROCEEDINGS OF THE XXVI INTERNATIONAL SCIENTIFIC CONFERENCE, June 2-3, 2016, Stara Zagora, Bulgaria. SPECIAL ISSUE: INTERNATIONAL SCIENTIFIC ON-LINE JOURNAL "SCIENCE & TECHNOLOGIES", Volume VI (2016), No. 1, 106-112. ISSN: 1314-4111
58. **E. Hida**, **M. Mema**, F. Babani, K. Kristo; *Differences on stress response of cercius siliquastrum plants in different places in metallurgicall complex and in different periods via screening of photosynthetic activity by chlorophyll fluorescence imaging.* PROCEEDINGS OF THE XXVI INTERNATIONAL SCIENTIFIC CONFERENCE, June 2-3, 2016, Stara Zagora, Bulgaria. SPECIAL ISSUE: INTERNATIONAL SCIENTIFIC ON-LINE JOURNAL "SCIENCE & TECHNOLOGIES", Volume VI (2016), No. 1, 120-124. ISSN: 1314-4111.
57. **M. Xhoxhi**, A. Dudia, A. Ymeti, *Analysis of phase error and cross talk for a multimode interference based multichannel biosensor,* SPIE Photonics Europe 2018, PROCEEDINGS. SPIE 10680, May, 2018, Strasbourg France, Optical Sensing and Detection V 1068016, doi: 10.1117/12.2306625
56. **M. Xhoxhi**, A. Dudia, A. Ymeti, *Simulation of the novel compact structure of an interferometric biosensor based on multimode interference waveguides,* SPIE Microtechnologies 2017, Bio-MEMS and Medical Microdevices III, May, 2017, Barcelona Spain, PROCEEDINGS Volume 10247, doi: 10.1117/12.2265706
55. **M. Xhoxhi**, **T. Mulaj**, **P. Malkaj**, *Design Improvement of a Biosensor Using MMI Waveguides,* PROCEEDINGS OF THE RESEARCH AND EDUCATION IN NATURAL SCIENCES (RENS2013), November, 2013, Shkoder Albania, ISBN: 978-9928-4135-5-0
54. **M. Xhoxhi**, **T. Mulaj**, **P. Malkaj**, A. Dudia, A. Ymeti, *Development of a Multimode Interference Based Multichannel Integrated Lab-On-A-Chip Biosensor,* PROCEEDINGS OF THE 1ST INTERNATIONAL CONFERENCE ON RESEARCH AND EDUCATION (ICRAE), May, 2013, Shkoder Albania, ISSN: 2308-0825

53. **V. Muda**, L. Aliko. “Efficiency enhancement of silicon solar cells using plasmon surfaces”, PROCEEDINGS OF THE 7TH INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION, 9-13 September 2009. Alexandroupolis, Greece. AIP CONFERENCE PROCEEDINGS, 1203, 306–311 (2010)
52. **D. Mitrushi, I. Bërdufi, P. Berberi, V. Muda**, D. Halili, **U. Buzra** Comparison Of Satellite Estimation Of Solar Insolation In Albania With Their Ground Estimations. PROCEEDINGS OF THE 1ST INTERNATIONAL CONFERENCE ON “RESEARCH AND EDUCATION–CHALLENGES TOWARDS THE FUTURE” (ICRAE2013), 24-25 MAY 2013, Shkodra, Albania. pp 1 – 8, ISSN: 2308-0825
51. **U. Buzra**, D. Halili, **P. Berberi, V. Lame-Muda, D. Mitrushi, I. Bërdufi**, “Use of a clear day solar radiation for estimation of Anthropogenic aerosol in atmosphere in Tirana” PROCEEDINGS OF THE 1ST INTERNATIONAL CONFERENCE ON “RESEARCH AND EDUCATION–CHALLENGES TOWARDS THE FUTURE” (ICRAE2013), 24-25 MAY 2013, Shkodra, Albania. ISSN: 2308-0825
50. **U. Buzra, P. Berberi, V. Muda**, D. Halili, **D. Mitrushi, I. Bërdufi**, Use Of Clear Day Solar Radiation For Estimation of Anthropogenic Aerosols In Atmosphere of Tirana. PROCEEDINGS OF THE 1ST INTERNATIONAL CONFERENCE ON “RESEARCH AND EDUCATION–CHALLENGES TOWARDS THE FUTURE”, 24-25 MAY 2013, Shkodra, Albania. ISSN: 2308-0825
49. **D. Mitrushi, I. Bërdufi, P. Berberi, V. Muda**, D. Halili, **U. Buzra**, Comparison Of Satellite Estimation Of solar Insolation In Albania With Their Ground Estimations, THE 1ST INTERNATIONAL CONFERENCE ON “RESEARCH AND EDUCATION– CHALLENGES TOWARDS THE FUTURE” (ICRAE2013), 24-25 MAY 2013, Shkodra, Albania. ISSN: 2308-0825.
48. N. Çinaj, **I. Bërdufi, D. Mitrushi**, B. Lushaj. “Considerations on the Potential of Renewable Energies in Fieri District, their impact on Socio-Economic Development of the Region”. PROCEEDINGS OF THE INTERNATIONAL SCIENTIFIC CONFERENCE ON ECONOMIC POLICY AND EU INTEGRATION, NOVEMBER 19-20, 2009, DURRËS, ALBANIA. SPECIAL ISSUE: JOURNAL OF STUDIES IN ECONOMICS AND SOCIETY, Vol. 1 (2010), No. 1, pp. 110-127. ISSN 2078-1725.
47. **I. Bërdufi, D. Mitrushi, P. Berberi, J. Jani, V. Muda**, D. Topçiu, **U. Buzra**, M. Gjonaj, F. Hoxhaj. “Estimation Performance of a Photovoltaic System Connected to the Grid by Using Evans and Durisch Models”. PROCEEDINGS OF THE 1ST INTERNATIONAL CONFERENCE ON “RESEARCH AND EDUCATION–CHALLENGES TOWARDS THE FUTURE” (ICRAE2013), 24-25 MAY 2013, Shkodra, Albania. pp 1 – 8, ISSN: 2308-0825
46. **P. Berberi, V. Muda**, D. Halili, **D. Mitrushi, I. Bërdufi, U. Buzra**, “The implementation of Bologna process into physics in Europe: The Level Mater” PROCEEDINGS OF THE 1ST INTERNATIONAL CONFERENCE ON “RESEARCH AND EDUCATION–CHALLENGES TOWARDS THE FUTURE” (ICRAE2013), 24-25 May 2013, Shkodra, Albania. pp 1 – 10, ISSN: 2308-0825

45. D. Halili, **U. Buzra**, **D. Mitrushi**, **I. Bërdufi**, **V. Muda**, E. Serdari, **P. Berberi**. *Influence of inclination angle on the efficiency of a flat plate solar collector*. PROCEEDINGS OF THE 10TH INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION, 26 - 30 August 2018, Sofia, Bulgaria. AIP CONFERENCE PROCEEDINGS. 2075, 140008 (2019)
44. E. Serdari, **V. Muda**, **U. Buzra**, **I. Bërdufi**, D. Halili, M. Halili, **D. Mitrushi**, **P. Berberi**. *The Feasibility Study of a 12 MW Grid Connected Wind Power Farm in Albania using RETScreen*, PROCEEDINGS OF THE 10TH INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION, 26 - 30 August 2018, Sofia, Bulgaria. AIP CONFERENCE PROCEEDINGS. 2075, 200021 (2019)
43. **U. Buzra**, **P. Berberi**, **D. Mitrushi**, **V. Muda**, D. Halili, **I. Bërdufi**, *An Estimation of Impact of Anthropogenic Aerosols in Atmosphere of Tirana on Solar Insolation*. Part I: Clear day variation of ground insolation. PROCEEDINGS OF THE 9TH INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION (BPU-9), 24–27 August 2015, Istanbul, Turkey, AIP CONFERENCE PROCEEDINGS 1722, 270001 (2016).
42. **U. Buzra**, **P. Berberi**, **D. Mitrushi**, **V. Muda**, D. Halili, **I. Bërdufi**. *An Estimation of Impact of anthropogenic Aerosols in Atmosphere of Tirana on Solar Insolation: Part II: Modification of Solar Energy Potential*. PROCEEDINGS OF THE 9TH INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION (BPU-9), 24–27 August 24–27, 2015, Istanbul, Turkey. AIP CONFERENCE PROCEEDINGS 1722, 270002 (2016).
41. D. Halili, **P. Berberi**, **D. Mitrushi**, **V. Muda**, **I. Bërdufi**, **U. Buzra**, *Effect of local environmental condition on efficiency solar collectors for production of hot water for domestic use in Albania*. PROCEEDINGS OF THE 9TH INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION (BPU-9), 24–27 August 24–27, 2015, Istanbul, Turkey. AIP CONFERENCE PROCEEDINGS. 1722, 280004 (2016).
40. S. Hoxhaj, E. Spahiu, **D. Xhako**, N. Hyka, “A critical analysis of AI's purpose in STEM higher education” PROCEEDINGS OF THE EJONS 17TH INTERNATIONAL CONGRESS ARTIFICIAL INTELLIGENCE AND SOCIETY: THEORY TO PRACTICE" August 21-22, 2024/ Konya, Türkiye, ISBN : 978-625-367-813-5, pp. 286-298.
39. A. Bendo, **V. Muda**, P. Ferunaj, A. Veveçka “A simple model of human walking” PROCEEDINGS OF THE 4TH ANNUAL INTERNATIONAL CONFERENCE: PHYSICAL EDUCATION, SPORT AND HEALTH, 18-19 November, 2011. Pitesti, Romania. BULETIN ȘTIINȚIFIC SERIA EDUCAȚIE FIZICĂ ȘI SPORT. VOL. 15 (2011), pp.250-254. ISSN: 1453-1194
38. E. Dushi, **V. Muda**, “Determination of the attenuation model from local and regional earthquakes in Albania”, PROCEEDINGS OF THE FOURTH INTERNATIONAL ANNUAL MEETING OF “ALB-SHKENCA” INSTITUTE IASH 2010, 2-5 September 2010, Tirana, ALBANIA, JOURNAL OF INSTITUTE ALB-SHKENCA (SPECIAL ISSUE) Vol. IV (2011), Nr. 2, 234-239, ISSN 2073-2244.

37. **V. Muda**, A. Nylansted Larsen, L. Aliko. “*Enhancement of silicon solar cells by surface plasmons*”, PROCEEDINGS OF THE INTERNATIONAL ANNUAL MEETING IASH 2008 Tirana, 1-3 September 2008, Albania. AKTET: JOURNAL OF INSTITUTE ALB-SHKENCA, Vol. II (2018), No. 3, 31-36.
36. A. Gorana, **P. Malkaj**, **V. Muda**, “*Quantity Estimation of the Interactions*”, PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION, 22-26 August 2006. Istanbul, Türkiye (C06-08-22.2). AIP CONFERENCE PROCEEDINGS. 899, 503–504 (2007)
35. **P. Malkaj**, Th. Karaja, *The role of organic matrix in the crystallization of sparingly soluble salts*, PROCEEDINGS OF THE 1ST INTERNATIONAL CONFERENCE ON BIOLOGICAL AND ENVIRONMENTAL SCIENCES, 2008 Tirana, Albania.
34. S Sakkopoulos, E Vitoratos, E Dalas, **P Malkaj**, *Electrical conductivity and thermic degradation studies of the conducting composites PPY/PA*, PROCEEDINGS OF THE XVII HELLENIC CONFERENCE OF THE CONDENSED MATTER, Nafplio 2000, Greece., pp.371-374
33. V.S. Sakkopoulos; E. Dalas; N. Paliatsas; K. Emmanouil; **P. Malkaj**; S. A. Choulis, *Correlation between Thickness, Conductivity and Thermal Degradation Mechanisms of PEDOT:PSS Films*, PROCEEDINGS OF THE 7TH INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION, 09–13 September 2009, Alexandroupolis, Greece. AIP CONFERENCE PROCEEDINGS. 1203, 178–181 (2010).
32. **D. Xhako**, E. Spahiu, S. Hoxhaj, N. Hyka, *The Application of AI-based Techniques for Early Detection of Breast Cancer (BC)*. PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON RADIATION APPLICATIONS (RAP 2024), 10-12 June 2024, Granada, Spain. DOI: 10.37392/RapProc.2024.07, VOL. 9 (2024), pp. 29–35. ISSN 2737-9973 (ONLINE).
31. **D. Xhako**, S. Hoxhaj, E. Spahiu, N. Hyka, “*Cancer Risk Evaluation for High-Dose Chest CT Examination During the COVID-19 Pandemic*” PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON RADIATION APPLICATIONS (RAP 2024), 10-12 June 2024, Granada, Spain. DOI: [10.37392/RapProc.2024.07](https://doi.org/10.37392/RapProc.2024.07), VOL. 9 (2024), pp. 36-40. ISSN 2737-9973 (ONLINE).
30. E. Spahiu, **D. Xhako**, S. Hoxhaj, N. Hyka, *Advancements in Brain Tumor Detection through Deep Learning Techniques in MRI Imaging*. PROCEEDINGS OF THE XXXIV INTERNATIONAL ONLINE SCIENTIFIC CONFERENCE, 6-7 June 2024, Stara Zagora, Bulgaria. In Press.
29. S. Hoxhaj, **D. Xhako**, E. Spahiu, N. Hyka, “*How the examinations during the COVID 19 will affect the evolution of tumors in the future*” PROCEEDINGS OF THE XXXIV INTERNATIONAL ONLINE SCIENTIFIC CONFERENCE, 6-7 June 2024, Stara Zagora, Bulgaria, In Press.
28. E. Spahiu, **D. Xhako**, S. Hoxhaj, N. Hyka, “*An overview of medical images analysis for breast cancer detection*” PROCEEDINGS OF THE BILSEL INTERNATIONAL KORYKOS SCIENTIFIC RESEARCHES AND INNOVATION CONGRESS, 10-11 May

- 2024, Mersin, Turkey, pp. 611-621. ISBN: 978-625-6501-79-9.
27. E. Spahiu, **D. Xhako**, S. Hoxhaj, N. Hyka, "A review of AI Techniques and Technologies used in Medical Images Analysis" PROCEEDINGS OF THE BILSEL INTERNATIONAL GORDION SCIENTIFIC RESEARCHES CONGRESS, 09-10 March 2024, Ankara, Turkey, pp. 812-823. ISBN: 978-625-6501-67-6.
 26. S. Hoxhaj, **D. Xhako**, E. Spahiu, N. Hyka, "The impact of radiological examinations during the covid -19 in the number of tumors in the future" PROCEEDINGS OF THE BILSEL INTERNATIONAL GORDION SCIENTIFIC RESEARCHES CONGRESS, 09-10 March 2024, Ankara, Turkey, pp. 752-758. ISBN: 978-625-6501-67-6.
 25. **D. Xhako**, N. Hyka, E. Spahiu, S. Hoxhaj, "Using Eudmodel to Calculate the Tumor Control Probability in Medical Images" PROCEEDINGS OF THE 7th INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY SCIENTIFIC STUDIES, PROCEEDINGS BOOK, Edited by Prof. Dr. Mehmet ÖZBAŞ, February 3-5, 2024, Istanbul, Turkey. pp. 269-276. ISBN: 978-625-367-640-7.
 24. S. Hoxhaj, **D. Xhako**, E. Spahiu, N. Hyka, "The Rise in Tumors as a Consequence of Radiological Examinations during the COVID-19 Pandemic" PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON ACADEMIC STUDIES IN SCIENCE, ENGINEERING AND TECHNOLOGY (ICASET), 21-24 December 2023, Istanbul, Turkey, Proceeding Book pp. 105-111. ISBN: 978-625-98670-1-4.
 23. R. Osmanaj, **D. Xhako**, E. Habilaj "Real and Virtual Physics Laboratories in High Schools, Case Study Albania", PROCEEDINGS OF THE 11th ANNUAL INTERNATIONAL CONFERENCE ON PHYSICS, 10 -13 July 2023, Athens, **Greece**, Proceeding Book ATINER's Conference Paper Proceedings Series PSY2023-0312, Athens, 4 October 2023, ISSN: 2529-167X.
 22. **D. Xhako**, N. Hyka, K. Sallabanda, **P. Malkaj**, "MRI Image Segmentation with HDBrainExtraction Extension in 3D Slicer" PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE IN MEDICAL APPLICATIONS (ICAIMA - 23), Hamburg, Germany on 8th Jun - 9th Jun'2023. PROCEEDINGS in Eur. Chem. Bull. 2023,12(Special Issue 7), 4973-4978.
 21. N. Hyka, **D. Xhako**, K. Sallabanda, **P. Malkaj**, "Using Deep Convolutional Neural Network to Create a DCNN Model for Brain Tumour Detection" PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE IN MEDICAL APPLICATIONS (ICAIMA - 23), 8-9 June 2023, Hamburg, Germany. PROCEEDINGS in EUR. CHEM. BULL., 12(Special Issue 7) (2023), 4979-4989.
 20. **D. Xhako**, N. Hyka, R. Zeqirllari "Setting the Lattice Space in LQCD Using QCDLAB2" PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON SCIENTIFIC RESEARCH AND INNOVATION 2022 (ICSRI 2022) 11-12 April 2022, USA. AIP CONFERENCE PROCEEDINGS 2820, 020013 (2023).
 19. **D. Xhako**, N. Hyka, R. Zeqirllari, "Solving Large Numerical Simulation in LQCD", PROCEEDINGS OF THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES (ICEAS 2022), 17 – 18 November, Tirana, Albania, ISBN 978-9928-370-20-4.

18. **D. Xhako**, N. Hyka, “*The Escalation of Chiral Fermion Algorithms with Quark Mass in Lattice QCD*” PROCEEDINGS OF THE 2nd ISPA 2021 (THE 2ND INTERNATIONAL SYMPOSIUM ON PHYSICS AND APPLICATIONS, 13 - 14 November 2021 (ISPA 2021)), AIP CONFERENCE PROCEEDINGS, 2604, 030001 (2023).
17. R. Zeqirllari, **D. Xhako**, “*Preliminary results of the hypercubic symmetry restoration of Boriçi – Creutz fermions in the light hadrons spectrum*”, PROCEEDINGS OF THE 10TH JUBILEE INTERNATIONAL CONFERENCE OF THE BALKAN PHYSICAL UNION, 26–30 August 2018, Sofia, Bulgaria. AIP CONFERENCE PROCEEDINGS 2075, 110006 (2019).
16. R. Zeqirllari, **D. Xhako**, “*Hypercubic symmetry restoration of Boriçi-Creutz fermions: costs and effects*“, PROCEEDINGS OF THE 38th INTERNATIONAL SYMPOSIUM ON LATTICE FIELD THEORY LATTICE, 26-30 July 2021, USA online conference, PROCEEDINGS IN POS (LATTICE2021)497, DOI: <https://doi.org/10.22323/1.396.0497>.
15. **D. Xhako**, N. Hyka, R. Zeqirllari “*Two-grid overlap solver in lattice QCD*“, PROCEEDINGS OF THE 38TH INTERNATIONAL SYMPOSIUM ON LATTICE FIELD THEORY LATTICE, 26-30 July 2021, USA online conference, PROCEEDINGS IN POS, (LATTICE2021)040, DOI:<https://doi.org/10.22323/1.396.0040>.
14. N. Hyka, **D. Xhako**, “*Playing a Game to Evaluate Teaching, Learning and Outcomes in a University*”” PROCEEDINGS OF THE 14th INTERNATIONAL CONFERENCE IN “STANDARDIZATION, PROTOTYPES AND QUALITY: A MEANS OF BALKAN COUNTRIES’ COLLABORATION”, September 21-22, 2018, Tirana, Albania, ISBN: 978-9928-127-95-2, pp. 120-125.
13. **D. Xhako**, N. Hyka “*Medical image prediction using artificial neural networks*” , PROCEEDINGS OF THE 35th TURKISH PHYSICAL SOCIETY – INTERNATIONAL PHYSICS CONGRESS, TPS35 – September 4-8, 2019, Bodrum Turkey, AIP CONFERENCE PROCEEDINGS 2178, 030053 (2019); eISSN: 1551-7616.
12. **D. Xhako**, R. Zeqirllari, “*Interquark potential with QCDCALAB2 in lattice QCD*” PROCEEDINGS OF THE XXVIII INTERNATIONAL SCIENTIFIC CONFERENCE, May 31 – June 1, 2018, Union of Scientists –Stara Zagora, Bulgaria, SPECIAL ISSUE: JOURNAL “SCIENCE & TECHNOLOGIES (Online)”, Volume VIII, 2018, Number 2: NAUTICAL AND ENVIRONMENTAL STUDIES, ISSN 1314 4111.
11. **D. Xhako**, N. Hyka, “*Developing numerical methods and simulations for trainings in radiotherapy*”, PROCEEDINGS OF THE XXVIII INTERNATIONAL SCIENTIFIC CONFERENCE, May 31 – June 1, 2018, Union Of Scientists –Stara Zagora, Bulgaria, SPECIAL ISSUE: JOURNAL “SCIENCE & TECHNOLOGIES (Online)” , Volume VIII, 2018, Number 2: NAUTICAL AND ENVIRONMENTAL STUDIES, ISSN 1314 4111.
10. **D. Xhako**, R. Zeqirllari, “*Fast algorithms for chiral fermions in 2 dimensions*”, PROCEEDINGS OF THE 35TH INTERNATIONAL SYMPOSIUM ON LATTICE FIELD THEORY, Sunday 18 June 2017 - Saturday 24 June 2017 , Granada, Spain, PROCEEDINGS IN JOURNAL EPJ WEB OF CONFERENCES 175, 14005 (2018) eISSN: 2100-014X

9. **D. Xhako**, A. Boriçi, “Accelerating simulations in lattice QCD with GMRESR algorithm“, PROCEEDINGS OF THE "INTERNATIONAL CONFERENCE 'IPCT2015 INTERNATIONAL PHYSICS CONFERENCE TIRANA 2015', November 13-15, 2015, Faculty of Natural Sciences, University of Tirana, Tirana, Albania. ISBN: 992842178-1.
8. N. Hyka, E. Telhaj, **D. Xhako**, Th. Karaja; “Calculation methods in radiotherapy using MATLAB”, Shkodra University, PROCEEDINGS OF THE “RESEARCH AND EDUCATION IN NATURAL SCIENCES”, Vol.I, ISBN 978-9928-4135-5-0, 2013.
7. N. Hyka, E. Telhaj, Th. Karaja, **D. Xhako**; “Oncor precision accelerator beam data commissioning, equipment and procedures”; Shkodra Univeristy PROCEEDINGS OF THE “Research And Education – ICRAE 2013”; ISSN: 2308 – 0825, 2013.
6. N. Hyka, A. Xhumari, E. Telhaj, Th. Karaja, **D. Xhako**, “Intensity Modulated Radiation Therapy (IMRT) in Albania”; PROCEEDINGS OF THE INTERNATIONAL CONFERENCE-TOWARDS FUTURE SUSTAINABLE DEVELOPMENT”, November 2012, Tirana, Albania. Pp. 77-83, ISBN: 978-9928-4135-05.
5. R. Zeqirllari, **D.Xhako**, A. Boriçi, ”Quenched hadron spectroscopy using Fermiqcd “HP-SEE User Forum” organized by the project HP-SEE, Beograd, Serbi Quenched Hadron Spectroscopy Using FermiQCD. In: Dulea, M., Karaivanova, A., Oulas, A., Liabotis, I., Stojiljkovic, D., Prnjat, O. (eds) High-Performance Computing Infrastructure for South East Europe's Research Communities. Modeling and Optimization in Science and Technologies, vol 2. Springer, Cham, pp. 51-58 ISSN 2196-7334, ISBN 978-3-319-01519-4, 2014.
4. **D. Xhako**, R. Zeqirllari, A. Boriçi, "Quark-Antiquark Potential from Wilson Loops in Lattice QCD" "On the 100th Anniversary of the Declaration of Independence" Faculty of Natural Sciences, University of Tirana, November 2012, FSHN,UT, Nr.15, 2013, ISSN 2305-882X, 2012.
3. **D. Xhako**, R. Zeqirllari, A. Boriçi, “Improving the Calculation Method of Quark-Antiquark Potential from Fermiqcd”, PROCEEDINGS OF THE 1ST INTERNATIONAL CONFERENCE ON “RESEARCH AND EDUCATION–CHALLENGES TOWARDS THE FUTURE” (ICRAE2013), 24-25 MAY 2013, Shkodra, Albania. ISSN: 2308-0825, pp. 1-8.
2. **D. Xhako**, R. Zeqirllari, A. Boriçi, ”Using Parallel Computing to Calculate Static Interquark Potential in LQCD”, “HP-SEE User Forum”, Beograd, Serbi, In: Dulea, M., Karaivanova, A., Oulas, A., Liabotis, I., Stojiljkovic, D., Prnjat, O. (eds) High-Performance Computing Infrastructure for South East Europe's Research Communities. Modeling and Optimization in Science and Technologies, vol 2. Springer, Cham. pp. 23-30 ISSN 2196-7334, ISBN 978-3-319-01519-4, 2014
1. **N. Ogreni**, A. Sinoimeri, L. Nikolla, *Simulation Of Mechanical Behaviour Of Textile Fibers*. PROCEEDINGS OF THE 8th INTERNATIONAL TEXTILE CONFERENCE, 18-19 October 2018, Tirana, ALBANIA. Book of Proceedings pp. 144-153.

MONOGRAFI/MONOGRAPHY

A. Gjevori, *Phase Formation of Photoactive TiO₂ Thin Films by Metal Plasma Immersion Ion Implantation and Deposition*, Engelsdorfer Verlag, ISBN 978-3-95488-746-0, Leipzig 2014.

I. Malollari, P. Berberi, **D. Mitrushi**, D. Halili, E. Shehu, S. Vito, N. Kodhelaj, S. Kodhelaj, S. Theodorjani, K. Gjoka, Z. Kamberi, A. Leskoviku. *Alternativa të Energjisë së Ripërtërimitshme*; Akademia e Shkencave e Shqipërisë; Tiranë 2020, ISBN: 978-9928-339-22-5

BORDE EDITORIAL PERIODIKËSH SHKENCORE/ EDITORIAL BOARD

PEER-REVIEW JOURNALS

1. Dafina Xhako

Editorial Board Member of the JOURNAL OF INTEGRATED ENGINEERING AND APPLIED SCIENCES(JIEAS), Albanian Mechanical Engineers Association, 2023–present.

Editorial Board Member of the AMERICAN JOURNAL OF MODERN PHYSICS, from July 16, 2024, to July 16, 2027, Science Publishing Group, USA.

2. U. Buzra

Editorial Board Member of the EUROPEAN JOURNAL OF ENGINEERING AND TECHNOLOGY RESEARCH.

Editorial Board Member of the EUROPEAN JOURNAL OF APPLIED PHYSICS

ANALIZA SHKENCORE / REVIEWING-REFERRING

1. J. Jani

INDIAN JOURNAL OF SCIENCE & TECHNOLOGY

WSEAS TRANSACTIONS ON CIRCUITS AND SYSTEMS

ACADEMIA ENGINEERING

2. A. Gjevori

AKTET: JOURNAL OF INSTITUTE ALB-SHKENCA

JOURNAL OF NATURAL SCIENCES & MATHEMATICS OF UT, NORTH MACEDONIA

INTERNATIONAL JOURNAL OF THERMODYNAMICS

3. D. Xhako

PHYSICA MEDICA 2018-2021, ELSEVIER PUBLICATION.

AIA (ARTIFICIAL INTELLIGENCE AND APPLICATIONS), Bon View Publishing Pte Ltd.

Summary of Research and Scientific Activity

©2025 Faculty of Mathematical Engineering & Physical Engineering - Polytechnic University of Tirana

4. M. Kuqali

JOURNAL OF COMPUTATIONAL & EXPERIMENTAL SCIENCE & ENGINEERING

5. P. Malkaj

ADVANCES IN SCIENCE, TECHNOLOGY & ENGINEERING SYSTEMS JOURNAL (ASTESJ);

INFORMATICS IN MEDICINE;

ANNUAL RESEARCH & REVIEW IN BIOLOGY;

JOURNAL OF SCIENTIFIC RESEARCH AND REPORTS;

BOOK CHAPTER “CONTEMPORARY PERSPECTIVE ON SCIENCE, TECHNOLOGY AND RESEARCH”

JOURNAL OF ADVANCES IN MEDICINE AND MEDICAL RESEARCH;

JOURNAL OF ADVANCES IN MEDICINE AND MEDICAL RESEARCH;

ASIAN JOURNAL OF RESEARCH AND REVIEWS IN PHYSICS;

ASIAN JOURNAL OF PHYSICAL AND CHEMICAL SCIENCES;

ADVANCES IN RESEARCH;

6. A. Hoxha

BULLETIN OF NATURAL SCIENCES. University of Tirana.

SCIENTIFIC BULLETIN OF THE UNIVERSITY OF ELBASAN, SERIES OF NATURAL SCIENCES.

7. U. Buzra

INTERNATIONAL JOURNAL OF ENGINEERING AND APPLIED SCIENCES

JOURNAL OF ENERGY SYSTEMS

EUROPEAN MECHANICAL SCIENCE

RECENT ADVANCES IN ELECTRICAL & ELECTRONIC ENGINEERING

ENERGY HARVESTING AND SYSTEMS

8. Dh. Kuqi

BULETINI I SHKENCAVE TEKNIKE, UPT 2014

Reviewer of The “1st International Conference on Applied Physics” (iCAP 2019), November 20-22, 2019, published in Bulletin of Natural Sciences (UT), 2019

PROJEKTE, TEMA STUDIMORE & AKTIVITETE TË TJERA KËRKIMORE-SHKENCORE/ RESEARCH-SCIENTIFIC PROJECTS, STUDY THESIS & OTHER ACTIVITIES

- “Application of European geospatial standards in the monitoring of radio frequency electromagnetic fields”, ERASMUS-JMO-2024-HEI-TCH-RSCH AEGS, (Coordinator: **Dh. Kuqi**, member: **V. Lame-Muda**, Polytechnic University- 2024).
- "Complementarity of Renewable Energy Sources, Solar and Wind, in Albania; Statistical Modeling, Metrics, and Their Applications." FIMIF, PUT, Tirana – 2023-2026 (Coordinator: **V. Lame-Muda**, **D. Mitrushi** (member), **U. Buzra** (member)).
- “The study of Microplastic pollution in the Adriatic sea-coast with Spectroscopical Methods”. In collaboration with University of Tirana and Institute of Applied Nuclear Physics, Tirana, Albania. Fitur nga AKSHI , 2022-2023. (Member: **V. Lame-Muda**)
- “Capacity Building project “Developing Research and Innovation Capacities in Albania and Kosovo/ DRIVE” Project Number: 610307-EPP-1-2019-1-AL-EPPKA2-CBHE-JP, In the framework of Erasmus+. Politecnico di Milano, Italy. Aalborg University, Denmark, Hamburg University of Technology (Participating: **V. Lame-Muda**).
- "Study of Regional Potentials of Solar and Wind Energy, Sensitivity of Their Utilization Efficiency, and Physical and Technological Parameters Using Multifactorial Analysis Methods" National Program for Research and Development (NPRD), 2011 – 2013. (Coordinator: **P. Berberi**, **U. Buzra** (member), **V. Lame-Muda** (member)).
- *Integrated Water Resources Management in the Ionian Coast*. 2010-2012 National Program for Research and Development (PKKZH). (Coordinator: **P. Berberi**, **U. Buzra** (member)).
- “Project on Si-based solar cells”, **V. Muda**, Mads Møgelmoose Kjeldsen, John Lundsgaard Hansen, Arne Nylandsted Larsen (IFA, University of Aarhus Ny Munkegade, Building 1520DK-8000 Aarhus C, Polytechnic University of Tirana, Albania), Aarhus, October-December 2007.
- “Study of the National cross-border coastal areas in Albania”, in collaboration with University of Molisse, Italy. 2006-2007, (Member: **V. Lame-Muda**)
- (Greek-Albanian project) ‘Study of Prehistoric Period Copper Object from the Greek and Albanian area’ 2003-2005, (Coordinator **A. Vevecka**, Member: **V. Lame-Muda**).
- *TiNb alloy for biomedical application*; 2015-2017; PUT-Universiteti i Vjenës. (Coordinator: **A. Vevecka**, **U. Buzra** (member));
- "Grain refinement alloys using Equal-Channel Angular-Pressing", in collaboration with the University of Ancona Italy” 2003-2004, (Coordinator **A. Vevecka**, Member: **V. Lame-Muda**).
- *Complementarity of Renewable Energy Sources, Solar and Wind, in Albania; Statistical Modeling, Metrics, Applications, and Future Research Directions*, FMEPE, PUT, Tirana 2023-2026 (Member: **D. Mitrushi**, **V. Muda**, **U. Buzra**).
- “Modeling of the Integrated Energy and Energy Transport System: The Role of Power-to-Gas and Hydrogen in Long-Term Scenarios for Albania Toward Deep

- Decarbonization by 2030"; Funded by AKKSHI, 2023-2024 (Project Leader: **P. Malkaj**);
- "Use of a Polymeric System in Optimizing Drug Bioavailability. Industrial Development of a Quality and Cost-Effective Drug for the Albanian Population"; Funded by AKKSHI; 2023-2024.; (Member: **P. Malkaj**);
 - "PVA/MMT matrix nanofibers for biomedical applications: Preparation, and characterization of PVA pure electrofiber nanofibers and PVA / MMT matrix to encapsulate an essential oil of Albanian medicinal plant for biomedical applications; NanoAlb; Academy of Science of Albania; 2022- 2024; (Project leader: **P. Malkaj**);
 - "Development of Simulation and Prediction Models and Integration with the TCIA Database of Medical Images"; Funded by AKKSHI; 2022-2023.; (Member: **D. Xhako**; **P. Malkaj**).
 - "Production of zeolite-incorporated nanofibrous membranes for water filter application (ZeiNANOF)"; NanoAlb; Academy of Science of Albania; 2021-2022; (Member: **P. Malkaj**);
 - "Analysis of Exposure Fields for High Frequencies in the City of Tirana (Target Group: Kindergartens and Schools)"; Funded by PUT, 2020-2022. (Project Leader: **P. Malkaj**);
 - "Nanocoating of cement-based surface with antiviral properties"; NanoAlb; Academy of Science of Albania; 2020-2022; NanoAlb; Academy of Science of Albania; 2020-2022; (Member: **P. Malkaj**);
 - "Starch – based bioplastics/chemically modified Graphene oxide composites designed as food packaging film with antibacterial properties", (Member: **P. Malkaj**);
 - "Contemporary Research Equipment for Enhancing the Quality of Scientific Research and Integration with the Recycling Industry"; Funded by AKKSHI; 2020-2021. (Project Leader: **P. Malkaj**, Member: **A. Gjevori**).
 - Project ALB/6014 "Enhancing Nationality Safety Infrastructure with an Education and Training Program in Medical Physics and Radiation Protection and Safety", task with the title " Assess the postgraduate medical physics course at the Polytechnic University of Tirana". 2014-2015; (Member: **P. Malkaj**);
 - "Assessment of Electromagnetic Pollution in Urban Areas for Frequencies 900 MHz - 1800 MHz," funded by the Ministry of Education and Science, 2011-2013. (Project Leader: **P. Malkaj**; Member: **Dh. Kuqi, Sh. Kuka, T. Myftiu, L. Nikolla, T. Mulaj**);
 - "For Equal Opportunities: Establishment of the Biomedical Optics Research Laboratory in the Department of Physical Engineering; 2010-2011, Funded by the World Bank.". (Project Leader: **P. Malkaj**, Member: **Dh. Kuqi, E. Gjirkondi**);
 - "For Equal Opportunities: Strengthening the Optoelectronics Direction in the Department of Physical Engineering; 2007-2009, Funded by the World Bank.". (Project Leader: **T. Mulaj**, Member: **P. Malkaj**).
 - "Establishment of a Research-Scientific Laboratory in the Field of Solid-State Physics, Applying New Information Technologies", 2006-2007. Funded by the Ministry of Education and Science. (Project Leader: **T. Mulaj**, Member: **P. Malkaj**).

- “Karatheodori project research”, University of Patras, Department of Physics, Greece, 2005-2006. (Member: **P. Malkaj**);
- UNESCO – Hewlett Packard Partnership for Piloting Solutions for Alleviating Brain Drain in South East Europe, 2004-2005. (Drejtuese: **T. Mulaj**, Anetar: **P. Malkaj**).
- "Use of Optoelectronic Techniques in Determining Environmental Pollution from Various Non-Ionizing Radiations": Department of Physics, University of Gjirokastra; in Collaboration with the Department of Physics, University of Lecce, Italy. Funded by the Ministry of Education and Science, Albania, and the Ministry of Education and Science, Italy, 2002-2003. (Member: **P. Malkaj**).
- Holding a license from the National Radiation Protection Commission (KMR) for expertise in the field of non-ionizing radiation. Expert for several years (four years) in a private mobile telephony company in Albania. Judicial expert in this field in Albania and Kosovo. (**P. Malkaj**).
- Expert in the evaluation of plastic materials and beyond, focusing on their mechanical properties through thermal treatment. This includes utilizing the DSC (Differential Scanning Calorimeter) device, recently upgraded with essential equipment for sample preparation and characterization through a project funded by the Academy of Sciences of Albania. Third-party services in this field include applications in industries such as recycling, textiles, solar panels, pharmaceuticals, and more. (**P. Malkaj**).
- "Project for 'Fundamental Research and Excellence' (under the 2011 budget) in Public Higher Education Institutions, as part of the National Program for Research and Development, titled: 'Measurement of Radon Gas Concentration in the Air of Different Areas of Tirana and Creation of a Thematic Mapping System as an Integral Part for Visualizing the Project Results' September 2011." (Coordinator: **M. Kuqali**, Member: **A. Hoxha, D. Mitrusi, Sh. Kuka, T. Myftiu, E. Duka**).
- UNESCO-HEWLETT PACKARD Partnership and CERN, Grid: The Key to Scientific Collaboration – CERN, Geneva, Switzerland 28-29 September 2005. (Member: **M. Kuqali, T. Mulaj**)
- UNESCO-HEWLETT PACKARD Partnership, CERN, 2nd Project Review Meeting, Ohrid, FYR of Macedonia, 12-14 April 2005, kam referuar “The continuity of STEP”. (Member: **M. Kuqali, T. Mulaj**)
- UNESCO-HEWLETT PACKARD Partnership, CERN, New Launch Events of the Project at the Polytechnic University of Tirana, Albania 12 April 2005. (Member: **M. Kuqali, T. Mulaj**)
- UNESCO-HEWLETT PACKARD Partnership, CERN, Piloting Solutions for Alleviating Brain-Drain in South East Europe. (Member: **M. Kuqali, T. Mulaj**)
- Expert in the measurement, monitoring, and evaluation of electromagnetic fields of non-ionizing radiation. (**M. Kuqali, Dh. Sadiraj Kuqi**).
- The project: “Innovative STEM teaching practices in Albania towards European Integration” with reference number 101085776 — ISTA-EU in the framework of the grant: ERASMUS-JMO-2022-MODULE — Jean Monnet Actions in the field of Higher Education: Modules, 2022-2025. (**E. Raço, J. Jani(coordinator), K. Hila**)
- The project: “Digital education in Albanian universities to provide high-quality life-long learning opportunities: an European approach” with reference number 101127005 —

ISTA-EU in the framework of the grant: ERASMUS-JMO-2023-MODULE — Jean Monnet Actions in the field of Higher Education: Modules. 2023-2026. (**E. Raço**(coordinator), **J. Jani**, **K. Hila**)

- National Project ALB/9/009: “Enhancing National Capacity for Radiation Monitoring and Emergencies”. Financed by: IAEA, 2016 - 2018. (Member: **I. Bërdufi**).
- Regional Project RER/9/140: “Strengthening Protection of Radiation Workers and Occupational Exposure Monitoring”. Financed by: IAEA, 2016 – 2018. (Coordinator for Albania: **I. Bërdufi**)
- National Project ALB9011 “Upgrading the system of dosimetry control for occupationally exposed workers and radon measurements infrastructure for protecting public and capacities according to international standards”. Financed by: IAEA for projects cycle 2020 – 2023. (Project Creator and Coordinator for occupationally exposed workers: **I. Bërdufi**).
- Project Ref: MC 3.01/18 “Strengthening the Capacity of the Western Balkans for Radiological and Nuclear Emergency Preparedness and Response: Technical Support for Decision Making” in collaboration with the European Commission and six Western Balkan countries. Funded by: European Commission, Period: 2021 – 2023. (Coordinator for Albania: **I. Bërdufi**).
- Research Project titled: 'Developing the Use of X-ray Irradiation Unit as a Safe Alternative for Induced Mutation in Plants for Sustainable Production.' Collaboration between the University of Tirana (IFBZ + FSHN) and Sandia National Laboratories, USA. Funded by the National Nuclear Security Administration (NNSA), USA, Period: 2021 – 2023." (**I. Bërdufi**).
- Two-month Fellowship in 'Radiation Protection for Workers, Patients, and the Public' within the framework of the national project ALB9011 'Upgrading the System of Dosimetry Control for Occupationally Exposed Workers and the Radon Measurement Infrastructure for Protecting the Public,' at the Rudjer Boskovic Institute, Zagreb, Croatia, from October 4 – December 3, 2021." (**I. Bërdufi**)
- "POSTDOCTORAL STUDIES: 'Regional Post Graduate Educational Course on Radiation Protection and the Safety of Radiation Sources,' within the framework of the RER9142 project 'Establishing Sustainable Education and Training Infrastructures for Building Competence in Radiation Safety,' organized by the International Atomic Energy Agency (IAEA) and the Greek Atomic Energy Commission (EEAE), Athens, Greece, from October 2018 – March 2019." (**I. Bërdufi**)
- "One-month Fellowship within the framework of the national project ALB9009 'Enhancing National Capacity for Radiation Monitoring and Emergency Warning,' at the Institute for Environmental Protection and Research (ISPRA), Rome, Italy, from September 9 – October 6, 2018". (**I. Bërdufi**)
- "Expert in the field of ionizing radiation protection (May 2020), Certificate of Conformity (Recognition) from the Radiation Protection Commission." (**I. Bërdufi**)
- Project: “Establishment of a Computational Center to Support Collaboration of Albanian HEIs with the European Compact Muon Solenoid (CMS) Project at CERN,” September 2024 – September 2025, funded by AKKSHI (National Agency for Scientific Research and Innovation) as a PIKSH project (Research Infrastructure Projects). (Member: **D. Xhako**)

- Project: “Creation of a Virtual Simulation Laboratory for Diagnostic Imaging at the Faculty of Medical Technical Sciences,” September 2024 – September 2025, funded by AKKSHI (National Agency for Scientific Research and Innovation) as a PIKSH project (Research Infrastructure Projects). (Member: **D. Xhako**)
- International European project: “The Albanian Cluster to Join the CMS Experiment as a Cooperating Institution,” PUT, UT, CERN Switzerland, 2023–2024. (Member: **D. Xhako**)
- International European project: “Development of Machine Learning Techniques and Neural Network Algorithms in Physics - A Step Toward CERN - CMS Collaboration,” 2023–2024, funded by READ (Research Expertise from Academic Diaspora) and AADF (Albanian American Development Foundation). (Member: **D. Xhako**)
- **Member** of the committee of the International European project: “COST Action CA22130, Comprehensive Multiboson Experiment-Theory Action (COMETA),” Large Hadron Collider (LHC), CERN (2023-2027), funded by the European Union. (**D. Xhako**)
- Member of the committee of the international European project: “COST Action - CA20126 Network for Research, Innovation, and Product Development on Porous Semiconductors and Oxides (NETPORE),” Universitat Rovira i Virgili, Avinguda Països Catalans 26, ETSE, Department of Electronic, Electrical, and Automatic Engineering, Tarragona – Spain (2021-2025), funded by the Horizon 2020 Framework Programme of the European Union. (**D. Xhako**)
- **Member** of the committee of the international European project: “COST Action - CA18125 Advanced Engineering and Research of AeroGels for Environment and Life Sciences,” COST Association Avenue du Boulevard – Bolwerklaan 21 1210 Brussels | Belgium (2019-2023), funded by the Horizon 2020 Framework Programme of the European Union. (**D. Xhako**)
- **Project Leader**: “Development of Simulation and Forecasting Models and Integration with the TCIA Database of Medical Images,” September 2022 – September 2023, funded by AKKSHI (National Agency for Scientific Research and Innovation) as a PKKZH project (National Research and Development Program Projects). (**D. Xhako**)
- **Leader** of the international project: “Development of Simulation and Forecasting Models and Integration with the TCIA Database of Medical Images,” September 2022 – September 2023, funded by READ (Research Expertise from Academic Diaspora) and AADF (Albanian American Development Foundation). (**D. Xhako**)
- **Member** of the international project: “HMLQCD - Hadron Masses from LQCD” - Computing project within HP-SEE (High-Performance Computing Infrastructure for Southeast Europe's Research Communities), FP7 Research Infrastructures (2011-2014). (**D. Xhako**)
- **Member** of the project: “Acceleration of Scientific Calculations in Network Chromodynamics and Complex Systems,” funded by FSHN/UT (2013-2015) (**D. Xhako**)
- **Member** of the project: “Simulation of Chiral Fermions in Multiprocessors - A Project for Scientific Research,” funded by FSHN/UT, (2011-2013). (**D. Xhako**)
- "Physical Properties of Thermally Zinc-Coated Steel and Its Corrosion Resistance," Duration: 36 months, 2023-2026. (Albanian Coordinator: **A. Hoxha**).

- Project: “Science and Technology of Materials / Werkstoffwissenschaft und Werkstofftechnologie,” within the framework of “Southeast Europe, Stability Pact - Netzwerk Werkstoffwissenschaften - Albania - Kosovo - Macedonia,” ID: 56269319; funded by DAAD on an annual basis. 2009 – 2016. Project Coordinators: Prof. Dr. Ing. Thomas Bier, Prof. Dr. Ing. Peter Huebner. (coordinator/member for the Polytechnic University of Tirana / Member of the Cooperation Network Board: **A. Hoxha**).
- Project: “Science and Technology of Materials / Werkstoffwissenschaft und Werkstofftechnologie,” within the framework of “Southeast Europe, Stability Pact - Netzwerk Werkstoffwissenschaften - Albania - Kosovo - Macedonia,” ID: 56269319; funded by DAAD on an annual basis. 2005 – 2008. General Project Coordinator: Prof. Dr. Dr. h. c. Heinrich Oettel. (coordinator for the University of Elbasan “A. Xhuvani” / Member of the Cooperation Network Board: **A. Hoxha**).
- February 2024 – Certificate: *ESMPE European School for Medical Physics Experts – Uncertainty analyses and Statistical methods in Medical Physics* (Prague, Czech Republic, credited by EBAMP, supported by ENEN2+ +). (Professional certifications and training: **D. Xhako**)
- January 2024 – Certificate: *Revolutionizing X-ray Meter Technology: Mako – A Meter and a Milestone* (TechNation, eligible for 1 CE credit from ACI). (Professional certifications and training: **D. Xhako**)
- January 2023 – Certificate: *ESMPE European School for Medical Physics Experts – Computed Tomography* (Prague, Czech Republic, accredited by EBAMP, supported by ENEN2+ +). (Professional certifications and training: **D. Xhako**)
- June 2021 – Certificate: *3rd European Congress of Medical Physics* (Online, accredited by EBAMP, awarded 32 CPD credit points, Accreditation code APP00156). (Professional certifications and training: **D. Xhako**)
- November 2013 – Certificate: *Dosimetry and Treatment Planning for Basic and Advanced Applications* (Training Course on Medical Physics for Radiation Therapy, ICTP, Trieste, Italy). (Professional certifications and training: **D. Xhako**)
- June 2013–Certificate: *Monte Carlo methods and data analysis in lattice QCD* (Regensburg, Germany, 24-27 June 2013). (Professional certifications and training: **D. Xhako**)
- May 2012–Certificate: *Sarajevo School of High Energy Physics 2012* (Sarajevo). (Professional certifications and training: **D. Xhako**)
- March 2012 – Certificate: *Curso teorico-practico de tecnicas avanzadas en Radiokirurgia* (Grupo IMO, Madrid, Spain). (Professional certifications and training: **D. Xhako**)
- September 2011 – Certificate: *Helmholtz International Summer School* (Dubna, Russia). (Professional certifications and training: **D. Xhako**)
- June 2011 – Certificate: *Joint HP-SE, LinkSCEEm-2 and PRACE, HPC Summer Training* (Athens, Greece). (Professional certifications and training: **D. Xhako**)
- January 2011 – Certificate: *PRACE/LinkSCEEM-2 2011 Winter School* (Nicosia CaStoRc, Cyprus). (Professional certifications and training: **D. Xhako**)
- June 2010 – Certificate: *External Quality Assurance: Options for Higher Education Managers* (UNESCOIIEP, Paris). (Professional certifications and training: **D. Xhako**)
- May 2008 – Certificate: *Completed successfully the English Language Course, Upper-*

Përmbledhje e Veprimtarisë kërkimore-shkencore

©2025 Fakulteti i Inxhinierisë Matematike & Inxhinierisë Fizike- Universiteti Politeknik i Tiranës

Intermediate Level (Vision Center, Tirana, Albania). (Professional certifications and training: **D. Xhako**)

- December 2006 – Certificate: *Completed successfully the Professional Computer Basics Course* (Vision Center, Tirana, Albania). (Professional certifications and training: **D. Xhako**)
- *Medical Equipment Installation and Services: Installation, commissioning, and servicing of medical equipment, image processing, and evaluation of medical devices using dedicated equipment.* (Expertise and services provided to third parties: **D. Xhako**)
- *Software Development and Statistical Processing in Higher Education: Use and development of dedicated software for statistical processing in higher education, quality assurance, accreditation, rankings, and analysis from student surveys, as well as market research.* (Expertise and services provided to third parties: **D. Xhako**)
- *Medical Diagnostic Imaging Virtual Laboratory Services: The Medical Diagnostic Imaging Virtual Laboratory at the Faculty of Medical Technical Sciences offers expertise and services in two main areas: virtual simulation of key diagnostic techniques and enhancing the professional skills of imaging technicians for radiation protection in the workplace. The development of SC (Standardization and Calibration) and QC (Quality Control) mechanisms will be crucial for ensuring rigorous implementation.* (Funded by AKKSHI). (Expertise and services provided to third parties: **D. Xhako**)
- *Computational Support Center for Collaboration with the CMS Project at CERN: Utilization of the Computational Support Center to assist in scientific work for third parties in fields such as Computational Physics, Data Analysis and Artificial Intelligence, Environmental and Climate Physics, Detector Simulations, Transport Simulations related to environmental radioactivity, Epidemiological Models, Forecasting, and Complex Systems.* (Funded by AKKSHI and operated in collaboration with the Faculty of Natural Sciences and DIF). (Expertise and services provided to third parties: **D. Xhako**)
- Training School on Textile: Organized by the COST Association, held from July 11-15, 2022, in Prato, Italy. (Professional training: **N. Ogreni**)
- Advanced School on Mechanics of Fibrous Materials and Applications: Physical and Modelling Aspects: Organized by CISM (International Centre for Mechanical Sciences), held from July 9-18, 2018, in Udine, Italy. (Professional training: **N. Ogreni**)
- *Trainer in the Continuing Education Course for ENERGY AUDITORS and ENERGY MANAGERS*, at Marin Barleti University - Program developed in collaboration with experts from the Italian Agency for New Technologies, Energy, and Sustainable Economic Development (ENEA) - 2019. (**V. Lame-Muda**)
- *Training in the framework of Erasmus teaching and training programs* in West Attica-Athens, Greece, and Viseu-Portugal. (**V. Lame-Muda**)
- *Research Stays for University Academics and Scientists*, German Academic Exchange Service (Deutscher Akademischer Austauschdienst), 2018 (57378441), Personal ref. no.: 91656534, June 01, 2018-August 31, 2018, IOM-Leipzig, Germany. (**A. Gjevori**)
- *CNR – NATO Fellowship*, Scientific Research Activity, University of Bologna, Italy, February – July 2002. (**A. Gjevori**)
- *Borsa di studio MAE*, Scientific Research Activity, University of Bologna, Italy, February – September 2000. (**A. Gjevori**)

- *Excellence Scholarship from the Ministry of Education and Science for doctoral studies (Contracts MASH 9581/7 and 1406/5), IOM-Leipzig, Germany, 2007-2010. (A. Gjevori)*
- *Bilateral project with the Department of Physics, University of Pristina: "Study of the thermophysical properties of binary mixtures of alcohols with various organic liquids", 2022-2025. (A. Gjevori)*
- *ERASMUS+ - June 2023, Polytechnic Institute of Viseu, Portugal, one-week staff training mobility. (A. Gjevori)*
- *ERASMUS+ - May 2022, AGH University of Science and Technology, Krakow, Poland, one-week staff training mobility. (A. Gjevori)*
- *Contemporary research equipment for improving the quality of scientific research and integration with the recycling industry, 2021-2022, funded by AKKSHI. (A. Gjevori)*
- *TEMPUS IMG-ALB2030-2004, April 19, 2005 – June 14, 2005, University of Palermo, Italy. "Update the content of the curricula of Didactics of Physics and draft the curricula for the modular subject of the Informatics Technology Laboratory for Didactics of Physics, as a new subject for Albanian Universities, according to the requirements of the Bologna Process". (A. Gjevori)*
- *PHARE Technical Assistance Programme in the framework of the PHARE Multi-Country Project in Distance Education, 1996. (A. Gjevori)*
- *DANIDA project (Restructuring University System in Albania), 1994-1999. (A. Gjevori)*
- *TEMPUS IMG N°: 96 - ALB – 1130, October-November 1996, University of Swansea, Wales, UK. "Update the content of the curricula of quantum mechanics." (A. Gjevori)*
- *Evaluator of scientific research projects at AKKSHI, in the field of "Energy and Water". (U. Buzra).*
- *External Evaluation Expert at ASCAL (U. Buzra, P. Malkaj, D. Xhako).*
- *Project: Upholding Educational Excellence through Objective Assessments and Licensing. Konsulent ne certifikimin e fondit te pyetjeve per testimin hyres ne Programin e Mjekesise, Shkurt 2024. (M. Mema).*

UDHËHEQJE DISERTACIONESH/ PhD DISSERTATIONS SUPERVISIONS

1. D. Xhako

1. *Scientific Supervisor of the Doctoral Dissertation: "Development and Integration of Artificial Intelligence Functions for the Automatic Identification of Morphological and Quantitative Parameters in Medical Images.", PhD student: MSc. Elda Spahiu, FMEPE, PUT, 2023 – in progress.*
2. *Scientific Supervisor of the Doctoral Dissertation: "Assessment of the Impact of Radiological Examinations During the COVID-19 Pandemic on the Increase in Tumor Cases in the Following Years in Albania ", PhD student: MSc. Suela Hoxhaj, FMEPE, PUT, 2023 – in progress.*

2. P. Malkaj

1. *Scientific Supervisor of the Doctoral Dissertation: "Study of the Dynamic Physical Peak in Linear Accelerators of the Eekta Synergy Platform."* PhD student: Idajet Selmani; 2021; FNS/UT;
2. *Scientific Supervisor of the Doctoral Dissertation: "Determination of the Physical Characteristics of Seismo-Active Faults in the Territory of Albania through the Study of Moderate Earthquakes."*, PhD student: Besian Rama; PUT, 2021;
3. *Scientific Supervisor of the Doctoral Dissertation: "Study of the Properties of the Structure, Crystallization, and Thermal Behavior of Several Polymers."*; PhD student: Blerina Papajani; 2015; DPE/FMEPE/PUT;
4. *Scientific Supervisor of the Doctoral Dissertation: "Chaotic Systems and Information Security in Optical Transmissions."*; PhD student: Joan Jani; 2012; DPE/FMEPE/PUT.
5. *Scientific Supervisor of the Doctoral Dissertation: "Monte Carlo Dosimetry of Ir192 Sources in High Dose Rate Brachytherapy."*; PhD student: Lulezime Daci; 2012; DPE/FMEPE/PUT;
6. *Scientific Supervisor of the Doctoral Dissertation: "Managing Uncertainties in Radiotherapy: From Quality Control to Clinical Strategies and Protocols."*; PhD student: Erjona Bakiu; 2011; DPE/FMEPE/PUT;

3. M. Kuqali

1. *Scientific Supervisor of the Doctoral Dissertation: "Assessment of the Risk of the Radioactive Gas Radon: Risk Analysis and Protective Measures Against It."*, PhD student: Gjon Rrota, PUT, 2022.
2. *Scientific Supervisor of the Doctoral Dissertation: "Modeling and Assessment of Environmental Radioactivity Levels in Kosovo and Recommendations for Action Plans."*, PhD student: Ylli Kaçiu, PUT, 2023.

4. A. Gjevori

1. *Scientific Supervisor of the Doctoral Dissertation: "Study of the Physical Properties of the Quaternary System Methyl Tert-Butyl Ether + n-Hexane + Cyclohexane + Benzene and its Binary and Ternary Subsystems at Temperatures $T = (293.15, 298.15, \text{ and } 303.15) \text{ K}$ and Local Atmospheric Pressure,"* PhD Student: Artan Llozana, Polytechnic University of Tirana, 2022–ongoing.
2. *Scientific Supervisor of the Doctoral Dissertation: "Study of the Thermophysical Properties of Ternary Mixtures Alkanol (C1-C4) + Cyclohexane + Benzene (and Some of Its Derivatives) in the Temperature Range from 20 to 60°C and Local Atmospheric Pressure,"* PhD Student: Arbër Zeqiraj, Polytechnic University of Tirana, 2022–ongoing.

5. A. Hoxha

1. *Scientific Supervisor of the Doctoral Dissertation: "Research on the Mechanical and Electrical Properties of Polymer-Based Composites";* PhD Candidate: Aurela Qamili; University: Albanian University, Faculty of Applied and Economic Sciences, Department of Engineering; Year: 2023 – 2024.

2. *Scientific Supervisor of the Doctoral Dissertation: "Thermal Behavior of Materials in Building Envelope Elements Under Different Environmental Conditions and Its Impact on the Energy Efficiency of the Building"*; PhD Candidate: Erion Mali; University: "Aleksandër Moisiu" University, Durrës, Faculty of Professional Studies, Department of Engineering and Maritime Sciences; Year: 2023 – 2024, in progress.

6. V. Lame-Muda

1. *Scientific Supervisor of the Doctoral Dissertation: "Complementarity of Solar and Wind Resources: A Detailed Analysis for the Integration of Renewable Electricity into the Albanian Energy System in the Study Areas"*, PhD Candidate: Msc. Miranda Halili, Polytechnic University of Tirana, Year: 2023 – 2024, in progress
2. *Scientific Supervisor of the Doctoral Dissertation: Performance Evaluation of Building-Integrated Photovoltaic Systems and Small Wind Farms for Mountainous Geographic Areas in Albania.* PhD Candidate: Msc. Fjorela Verore-Veshaj, Polytechnic University of Tirana, Year: 2023 – 2024, in progress

7. Dh. Kuqi

1. *Scientific Supervisor of the Doctoral Dissertation: "Monitoring and Evaluation of High-Frequency Electromagnetic Fields in Urban Areas of Tirana, Visualization of Results, and Safety in 5G Transmissions"*, PhD Candidate: Msc. Ejona Zeneli, Polytechnic University of Tirana, Year: 2023 – 2024, in progress
2. *Scientific Supervisor of the Doctoral Dissertation: "Quality Control in Conventional Radiotherapy Compared to Modern Radiotherapy Techniques"*, PhD Candidate: Msc. Blerina Myzeqari, Polytechnic University of Tirana, Year: 2023 – 2024, in progress

TEKSTE- BOOKS

E Angjeli, **T. Mulaj, V. Muda**, B. Tabaku, **A. Vevecka**, P. Angjeli, N. Panidha, Z. Mulaj, **I. Vullkaj**, L. Aliko, **M. Kuqali**, D. Cano, **P. Berberi, E. Gjikondi**. "KURS I FIZIKËS 1 "Mekanika, Valet, Termodinamika" për studentët e Inxhinierisë, ASLA 2007, ribotim 2009, 2010, 2015, 2020, 2024

E. Gjikondi, E Topciu, E Angjeli, G Xhixha, B. Tabaku, **T. Mulaj**, Z. Mulaj, **V. Muda, I. Vullkaj, Dh. Kuqi, M. Kuqali, P. Malkaj, P. Berberi**. "KURS I FIZIKËS 2 "Elektriciteti, Elektromagnetizmi, Optika" për studentët e Inxhinierisë, ASLA 2009, ribotim 2010, 2015, 2020, 2024, ISBN 978-99956-817-4-6

A. Gjevori, V. Qano, "Fizika" për Fakultetet e Mësuesisë, SHBLU, Tiranë 2006, ISBN 99927-0-382-2.

Th. Karaja, **M. Mema**, Fizika Biomjekësore, INFBOTUES, Tiranë 2024, ISBN: 978-9928-821-05-8.

Th. Karaja, **M. Mema**, Fizika Biomjekësore, INFBOTUES, Tiranë 2022, ISBN:978-9928-173-91-1.

M. Spiro, L. Kola, **M. Mema**, Zbatime ne Biofizikën Mjekësore, INFBOTUES, Tiranë 2022, ISBN: 978-9928-17-39-04.

A. Llozana, B. Paloka, F. Kopliku, J. Lica "Edhe nje shkalle drejt dijes"

I. Ninka, **A. Llozana**. "Metodat e mesimdhenies dhe mesinxenies se IT ne shkolle"

D. Xhako, "EKOSKOPI ULTRASONIK" Cikël laboratorësh për studentët e Masterit Shkencor, profili Fizikë Mjekësore, DIF/FIMIF/UPT, Tirana 2020.

D. Xhako, Laboratory in Physics: "Uitston-it Bridge in alternative current circuits", for engineering students, Tirana 2019.

D. Xhako, Laboratory in Physics: "The conservation law of energy (Maxwell wheel)", for engineering students, Tirana 2018.

N. Hyka, **D. Xhako**, "Medical Informatics", INFBOTUES, ISBN 978-9928-173-67-6, Tirana, November 2018.

B. Duka, **D. Xhako**, "Continuum mechanics for engineering", INFBOTUES, ISBN 978-9928-173-52-2, Tirana 2017.

Dh. Kuqi. L. Aliko; G. Xhixha "FIZIKË E PËRGJITHSHME, Lëkundjet, Valët, Optika" Shblu 2010, ISBN 978-00027-0-542-1,

Dh. Kuqi: Bashkëautore në librin e laboratoreve të fizikës për studentët e inxhinierisë, Tiranë 2007

Dh. Kuqi :Bashkautorë në librin "Fizika 10" Pegi Tiranë, 2011, ISBN 978-99956-58-80-9

Dh. Kuqi: Bashkautorë në librin "Ushtrime Fizika 10" Pegi, Tiranë, 2011, ISBN 978-99956-58-69-4

Dh. Kuqi : Bashkautorë në librin "Fizika 11" (bërthamë) Pegi Tiranë, 2012, ISBN 978-9928-57-9

Dh. Kuqi: Bashkautorë në librin "Fizika 11" (me zgjedhje) Pegi Tiranë, 2012.

Dh. Kuqi: Bashkautorë në librin "Ushtrime Fizika 11" Pegi, Tiranë, 2012.

M. Kuqali: Bashkëautore në librin e laboratoreve të fizikës për studentët e inxhinierisë, Tiranë 2006.

P. Malkaj; Ushtrime te zgjidhura, Kursi i Fizikes 2; Shtepia Botuese Pegi; 2015; ISBN:978-9928-175-88-5;

P. Malkaj; Ushtrime te zgjidhura, Kursi i Fizikes 1; Shtepia Botuese Pegi; 2011; ISBN:978-9928-124-15-9;

Th. Karaja, J. Dode, **P. Malkaj**; Fizika Mjekësore; Shtepia Botuese Pegi; 2011; ISBN:978-99956-58-57-1;

B. Duka; **Dh. Kuqi**; **P. Malkaj**; I. Kumbuli; Fizika 10: Per klasen e 10 te arsimit te mesem te pergjithshem; ISBN: 9789995658809; Shtepia Botuese "Pegi" 2011.

Summary of Research and Scientific Activity

©2025 Faculty of Mathematical Engineering & Physical Engineering - Polytechnic University of Tirana

I. Vardhami; **P. Malkaj**; **A. Naço**: *Ushtrime dhe probleme te zgjidhura per maturen shteterore: Matematike dhe Fzike*; ISBN: 9789994300112; Botimet Dudaj; 2007;

A. Gorana; **P. Malkaj**; "Kurs teoriko – praktik, Mekanika dhe Termodinamika, vëllimi I", Botimet albpaper, Tiranë 2004. ISBN: 99927-943-5-6.

PJESËMARRJE NË ORGANIZMA SHKENCORE ETJ. / PARTICIPATION IN SCIENTIFIC ORGANISATIONS ETC.

- Member of AEE II (Energy Efficiency & Sustainability Expert -2012-2013) (**V. Lame-Muda**)
- *Member of the Chemistry-Physics Commission*, Albanian Academy of Sciences; 2020 – present. (**P. Malkaj**)
- *Board Member of the NanoAlb Research Center*, Albanian Academy of Sciences, Tirana; 2020 – present. (**P. Malkaj**)
- *Leader of the Research Group: "Polymers and Polymer Electronics"*; NanoAlb, Albanian Academy of Sciences, Tirana; 2020 – present.; (**P. Malkaj**)
- AAMP – Member of the Albanian Association for Medical Physics) (**D. Xhako**)
- IQE- *Director of Institute for Quality in Education.* (**D. Xhako**)
- AlbMedTech– Member of the Albanian Medical Technology Association (**D. Xhako**)
- NIP (National Institute of Physics) – Member, Albanian Academy of Sciences, (**D. Xhako**)
- *Member of the International Scientific Board of EFOMP* (The European Federation of Organizations for Medical Physics), 2022-2023. (**D. Xhako**)
- *Member of the International Scientific Board: Professional Matters Committee*, EFOMP (The European Federation of Organizations for Medical Physics), 2023-present. (**D. Xhako**)
- *Coordinator of the Research Group "Artificial Intelligence in Medicine" Ai4med* –2022 – ongoing. (**D. Xhako**)
- *Member of the Board of the Research Group "AI Applications in Medical Imaging Research"*, part of the NanoAlb Research Institute. 2023 – ongoing. (**D. Xhako**)

PJESËMARRJE NË KOMITETE SHKENCORE TË KONFERENCAVE ETJ./ PARTICIPATION IN SCIENTIFIC COMMITTEES OF CONFERENCES ETC.

P. Malkaj

- **Co-organizer** at the 7th NATIONAL CONFERENCE OF MEDICINE; Panel 3: Application of Technology in Medicine; November 15-16, 2019; Hotel Tirana.

Përmbledhje e Veprimtarisë kërkimore-shkencore

©2025 Fakulteti i Inxhinierisë Matematike & Inxhinierisë Fizike- Universiteti Politeknik i Tiranës

- **Coordinator** of the FIRST INTERNATIONAL CONFERENCE ON APPLIED SCIENCES “NEW TECHNOLOGIES AND APPLICATIONS IN MEDICINE, NTAM 2014”, November 7- 8, 2014, Tirana, Albania.

J. Jani

- **Member of organizing committee** of the FIRST INTERNATIONAL CONFERENCE ON APPLIED SCIENCES “NEW TECHNOLOGIES AND APPLICATIONS IN MEDICINE, NTAM 2014”, November 7- 8, 2014, Tirana, Albania
- **Member of organizing committee** of the 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES 2017 (ICEAS 2017), 16-17 November 2017, Tirana, Albania.
- **Member of organizing committee** of the 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES (ICEAS 2022), 17-18 November 2022, Tirana, Albania.

D. Xhako

- **Member of the Scientific Committee** of "ANNUAL INTERNATIONAL CONGRESS ON COMPUTER SCIENCE" April 19-20, 2025, Oxford, United Kingdom / Online.
- **Member of the Scientific Committee** of "RESEARCH, APPLICATION, AND EDUCATIONAL METHODS – RAEM 2024", March 1-2, 2024, "Fan S. Noli" University, Korce, Albania.
- **Member of the Scientific Committee** of THE INTERNATIONAL CONFERENCE ON NATURAL SCIENCES, MATHEMATICS, AND TECHNOLOGY (ICNSMT - 2023), May 26, 2023, UAMD, Albania.
- **Member of the Organizing Committee** of THE INTERNATIONAL CONGRESS "NOVEL LATTICE FERMIONS AND THEIR SUITABILITY FOR HIGH-PERFORMANCE COMPUTING AND PERTURBATION THEORY" (NOVEL2023), March 6-10, 2023, Mainz Institute for Theoretical Physics (MITP), which is part of the PRISMA+ Cluster of Excellence.
- **Member of the Scientific Committee** of "THE THIRD INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES (ICEAS 2022)", November 17-18, 2022, FIMIF/PUT, Tirana, Albania.
- **Member of the Organizing Committee and Co-director** of the Project for Organizing Science Week: "Data Science, Particle and Astroparticle Physics School in Tirana 2022", June 14-18, 2022, Faculty of Natural Sciences, Tirana, Albania.
- **Member of the Organizing Committee** of THE FIRST INTERNATIONAL CONFERENCE ON APPLIED SCIENCES “NEW TECHNOLOGIES AND APPLICATIONS IN MEDICINE, NTAM 2014”, November 7- 8, 2014, Tirana, Albania, organized by the Faculty of Mathematical and Physical Engineering, Hygeia Hospital, and the Albanian Society of Medical Physics (AAMP).

A. Gjevori

- **Member of the Scientific Committee:** the 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES (ICEAS 2022), 17-18 November 2022, Tirana, Albania.
- **Member of the Organizing Committee:** TRENDS IN NANOTECHNOLOGY (TNT 2021) INTERNATIONAL CONFERENCE, October 04-08, Tirana, Albania.
- **Member of the Scientific Committee:** 2nd INTERNATIONAL JOINT SCIENCE CONGRESS OF MATERIALS AND POLYMERS, Durrës, Albania, November 2018.
- **Member of the Scientific Committee:** INTERNATIONAL JOINT SCIENCE CONGRESS OF MATERIALS AND POLYMERS, Ohrid, Macedonia, August 2017.
- **Member of the Scientific Committee:** INTERNATIONAL NETWORK FOR COOPERATION ON "MATERIALS AND THEIR APPLICATIONS", funded by DAAD, 2005-2016.

A. Hoxha

- **Member of the Scientific Committee.** 20th INTERNATIONAL CONFERENCE IN MULTIDISCIPLINARY SCIENCES “INNOVATION AND SUSTAINABILITY: CHALLENGES FOR A BETTER FUTURE” 2024, organized by Albanian University and the Faculty of Applied and Economic Sciences (Tirana, April 2024).
- **Member of the Scientific Committee.** the 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES (ICEAS 2022), 17-18 November 2022, Tirana, Albania.
- **Member of the Scientific Committee.** of the 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES 2017 (ICEAS 2017), 16-17 November 2017, Tirana, Albania.
- **Member of the Organizing Committee.** ISCMP 1 – JOINT SCIENCE CONGRESS OF MATERIALS AND POLYMERS (Macedonia, August 2017).
- **Member of the Organizing Committee.** ISCMP 2 – JOINT SCIENCE CONGRESS OF MATERIALS AND POLYMERS (Albania, November 2018).

Dh. Kuqi

- **Member of organizing committee** of the “NATIONAL CONFERENCE ON ADVANCED STUDIES IN MATHEMATICAL, PHYSICAL AND CHEMICAL ENGINEERING, 28 October 2011, in Tirana, Albania
- **Member of scientific committee** of the “FIRST INTERNATIONAL CONFERENCE ON APPLIED SCIENCES “NEW TECHNOLOGIES AND APPLICATIONS IN MEDICINE”, (NTAM 2014), 7-8 November 2014, Tirana, Albania
- **Member of scientific committee** of: “THE 2ND INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES 2017” (ICEAS 2017), 16-17 November 2017, in Tirana, Albania.
- **Member of scientific committee** of the “1st INTERNATIONAL CONFERENCE ON APPLIED PHYSICS” (iCAP 2019), 20-22, November 2019, Tirana, Albania

- **Member of scientific committee and organizing committee** of THE 3RD INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES 2022” (ICEAS 2022), 17-18 November, 2022, Tirana, Albania.

M. Kuqali

- **Member of Scientific Committee and organizing committee** of “THE 3RD INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES 2022” (ICEAS 2022), held on 17-18 November 2022, Tirana, Albania.
- **Member of scientific committee** of: “THE 2ND INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES 2017” (ICEAS 2017), 16-17 November 2017, Tirana, Albania
- **Member of Organizing Committee** of “The 1st CONFERENCE ON APPLIED PHYSICS”, 20-22 November 2019, Tirana, Albania

DEPARTMENT OF CHEMICAL ENGINEERING

The Department of Chemical Engineering currently consists of 9 academic staff members:

Assoc. Prof. Albana Jano
Assoc. Prof. Bujar Dida
Assoc. Prof. Dafina Karaj
Assoc. Prof. Edlira Baraj
Assoc. Prof. Edlira Tako
Assoc. Prof. Enkela Noçka
Assoc. Prof. Ilva Gjikaj
Assoc. Prof. Rajmonda Lilo
Assoc. Prof. Valbona Hoxha

Departamenti i Inxhinierisë Kimike në Universitetin Politeknik të Tiranës ka si synim të ofrojë një edukim të thelluar dhe cilësor në fushën e inxhinierisë kimike, duke përgatitur profesionistë të kualifikuar, të pajisur me aftësitë teorike dhe praktike për të trajtuar dhe zgjidhur probleme komplekse në industrinë kimike dhe sektorë të tjerë të lidhur me të.

Objektivat kryesore të departamentit janë:

1. **Formimi i inxhinierëve të kualifikuar:** Ofrimi i një edukimi të thelluar dhe praktik në fushën e inxhinierisë kimike, veçanërisht në dizajnimin, optimizimin dhe kontrollin e proceseve kimike industriale.
2. **Zhvillimi i kërkimit shkencor dhe aplikimeve të reja** në fusha të tilla si: proceset kimike industriale, mbrojtja e mjedisit dhe korrozioni, zhvillimi i teknologjive të qëndrueshme, inxhinieria e materialeve, energjia dhe burimet natyrore, etj.
3. **Përgatitja për sfida profesionale dhe kontribuimi/bashkëpunimi me industrinë** në fusha të rëndësishme si: petrokimia, farmaceutika, ushqimi dhe siguria ushqimore, industria e materialeve, energjia dhe mjedisi.

Departamenti i Inxhinierisë Kimike luan një rol të rëndësishëm në lidhjen e teorisë kimike me praktikën industriale dhe inxhinierike, duke ofruar një edukim të integruar që mbulon aspekte të ndryshme të proceseve kimike, projektimit të sistemeve inxhinierike dhe menaxhimit të proceseve industriale. Ai gjithashtu ka një rol të rëndësishëm në zhvillimin e teknologjive të qëndrueshme dhe risive në sektorët si energjia e rinovueshme, menaxhimi i mbetjeve dhe teknologjitë e pastrimit të ujërave.

Nëpërmjet përmirësimit të metodave didaktike të mësimdhënies, si dhe përmirësimit e përsosjes së infrastrukturës dhe kapaciteteve teknike të kërkimit shkencor, Departamenti i Inxhinierisë Kimike synon të bëhet një strukturë e rëndësishme referuese për metodat e mësimdhënies në kimi, për vlerësimin, kontrollin e monitorimin e parametrave të ndryshëm mjedisorë, si dhe kontribuese në rrjetin kombëtar dhe ndërkombëtar të institucioneve shkencore të angazhuara në fushat përkatëse të ekspertizës.

Ky departament mbulon gjithë disiplinat e Kimisë që zhvillohen në të gjitha programet e studimit të Universitetit Politeknik të Tiranës.

The Department of Chemical Engineering at the Polytechnic University of Tirana aims to provide advanced and high-quality education in the field of chemical engineering, preparing qualified professionals equipped with both theoretical and practical skills to address and solve complex problems in the chemical industry and related sectors.

The main objectives of the department are:

1. **Training qualified engineers:** Offering advanced and practical education in chemical engineering, particularly in the design, optimization, and control of industrial chemical processes.
2. **Advancing scientific research and new applications** in areas such as industrial chemical processes, environmental protection and corrosion, the development of sustainable technologies, materials engineering, energy, and natural resources, among others.
3. **Preparing for professional challenges and collaborating** with industry in key areas such as petrochemicals, pharmaceuticals, food and food safety, materials industry, energy, and the environment.

The Department of Chemical Engineering plays a significant role in linking chemical theory with industrial and engineering practices, offering integrated education that covers various aspects of chemical processes, the design of engineering systems, and the management of industrial processes. It also has a critical role in developing sustainable technologies and innovations in sectors like renewable energy, waste management, and water purification technologies.

Through the improvement of teaching methods and the enhancement of infrastructure and technical capacities for scientific research, the Department of Chemical Engineering aims to become a key reference institution for teaching methods in chemistry, the evaluation and monitoring of various environmental parameters, and a contributor to national and international networks of scientific institutions engaged in relevant areas of expertise.

This department covers all chemistry-related disciplines taught across all study programs at the Polytechnic University of Tirana.

ARTIKUJ SHKENCORE TË BOTUAR/ PUBLISHED PAPERS IN PEER-REVIEW JOURNALS

2025

100. **D. Karaj, D. Kaçorri Salillari**, E. Shahu, E. Mehmeti, **E. Tako**. *Analysis of Major and Trace Metal Levels in Kashar Lake, Artificial Lake of Tirana, Farka Lake, and Statistical Data Analysis*. WSEAS TRANSACTIONS ON ENVIRONMENT AND DEVELOPMENT, Vol. 21 (2025), 28-34.

2024

99. **E. Tako, E. Baraj**, A. Mele, **V. Hoxha** *Montmorillonite Clay as an Adsorbent for the Remediation of Cd (II) Ions in Aqueous Solutions: A Comparison with Pb (II) Ions*. REMEDIATION JOURNAL: Vol. 34 (2024) , Issue 4, Autumn 2024.
98. E. Çomo, A. Hasimi, **E. Tako**. “*Evaluation of Seasonal Distribution of Heavy Metals in the Water of Shkumbini River, Albania*” INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCES AND DEVELOPMENT, Vol.15 (2024), No. 3, pp. 140-145.
97. E. Çomo, **E. Tako**, A. Hasimi, Rr. Ormeni, O. Gjuzi, M. Ndrira “*Physico-Chemical Characteristics and Possibilities of Utilization of Elbasani Thermal Waters*” WORLD ACADEMY OF SCIENCE, ENGINEERING AND TECHNOLOGY INTERNATIONAL JOURNAL OF ENERGY AND ENVIRONMENTAL ENGINEERING Vol.18 (2024), No. 1, pp. 29-34.

2023

96. **E. Baraj**, A. Shehu, **R. Lilo (Totoni)**, K. Xhaxhiu, B. Baraj. *Air Pollution and COVID-19: A Comprehensive Review of the Correlation and Implications for Public Health*. JOURNAL OF HYGIENIC ENGINEERING AND DESIGN, Vol 45(2023),115-121.
95. **E. Baraj**, K. Xhaxhiu, **R. Totoni**, L. F. H. Niencheski. B. Baraj *Factorial design as a tool for the assessment of matrix interferences*. JOURNAL OF HYGIENIC ENGINEERING AND DESIGN, Vol 42(2023), 280-285.
94. F. Baldassare, A. Altomare, N. Corriero, E. Mesto, M. Lacalamita, **B. Dida**, A. Mele, E. Maria Bauer, M. Puzone, E. Tempesta, D. Capelli, D. Siliqi, F. Capitelli, “*Structural Characterization of Low-Sr-Doped Hydroxyapatite obtained by solid-state Synthesis*”, CRYSTALS 2023, 13, 117.
93. **E. Noçka, I. Gjikaj**, Gj. Rrota “*Application of Pyrolytic and Gas Cromatographic Determinations in Fortuzaj-2 Borehole*”, BULLETIN OF GEOLOGICAL SCIENCES, 1/2023, pp. 67-77.

2022

92. **E. Noçka**, A. Karriqi, I. Prifti "The Contribution of oil Signs to the Petroleum Prospect in the Erindi Region, Albania. SMART CITIES AND REGIONAL DEVELOPMENT JOURNAL, Vol. 6(2022), no. 2, pp. 31-42
91. **D. Xhako**, N. Hyka. **E. Noçka**, Topological Charge of LQCD with QCDC. NEUROQUANTOLOGY., Vol. 20 (2022), Issue 20, pp. 733-744.
90. **V. Hoxha**, **A. Jano**, K. Vaso, E. Poro, **E. Tako**. "An overview of the water quality of the Tirana river, Albania", JOURNAL OF HYGIENIC ENGINEERING AND DESIGN (JHED), Vol 40(2022). pp. 94-100.
89. **A. Jano**, **V. Hoxha**, A. Lame, E. Kokalari "Test of inhibition efficiency of pineapple crown extract as green inhibitor for two kinds of low alloy carbon steel in acidic media." JOURNAL OF HYGIENIC ENGINEERING AND DESIGN (JHED). Vol 41(2022), pp. 3-7.
88. **V. Hoxha**, **A. Jano**, K. Vaso. "Determination of different forms of phosphorus in waters of the wastewater treatment plant in Kavaja, before and after treatment." INTERNATIONAL JOURNAL OF NATURAL AND ENGINEERING SCIENCES, 16(3)/2022: 107-114.
87. **A. Jano**, **V. Hoxha**, A. Lame, E. Kokalari. "Protection efficiency of migrating inhibitors on corrosion of reinforcing steel in aggressive environment" INTERNATIONAL JOURNAL OF NATURAL AND ENGINEERING SCIENCES, 16(2) (2022): 53-59.
86. **A. Jano**, **V. Hoxha**, A. Lame, E. Kokalari, "Migration inhibitors for preventions of corrosion of reinforced concrete constructions" INTERNATIONAL JOURNAL OF NATURAL AND ENGINEERING SCIENCES, 16(1) (2022): 36-40.
85. **A. Jano**, A. Lame, E. Kokalari, E. Bicaku. "Study of corrosion inhibition of aluminum in acidic media by pineapple crown extract." OVIDIUS UNIVERSITY ANNALS OF CHEMISTRY 33 (2022), no. 2, 104-107.

2021

84. **A. Jano**, A. Lame, E. Kokalari. "Test of inhibitors for preventing corrosion of steel reinforcement in concrete." OVIDIUS UNIVERSITY ANNALS OF CHEMISTRY 32(2021), no. 2110-113.
83. **D. Karaj**, E. Mehmeti. Process of extraction of carotenoids from carbon dioxide under liquid-vapor equilibrium conditions. INTERNATIONAL JOURNAL OF ECOSYSTEMS & ECOLOGY SCIENCES, Vol. 11 (2021), Issue 1, pp. 129-136.

2020

82. A. Becci, **D. Karaj**, G. Merli, F. Beolchini. Biotechnology for metal recovery from End-of-Life printed circuit boards with *Aspergillus niger*. SUSTAINABILITY, 12, 2020, 6482.

81. F. Baldassarre, A. Altomare, N. Corriero, E. Mesto, M. Lacalamita, G. Bruno, A. Sacchetti, **B. Dida**, **D. Karaj**, G.D. Ventura, F. Capitelli, D. Siliqi. *Crystal Chemistry and Luminescence Properties of Eu-Doped Polycrystalline Hydroxyapatite Synthesized by Chemical Precipitation at Room Temperature*, CRYSTALS, Vol. 10(2020), Issue 4, 250.
80. A. Becii, A. Amato, V. Fonti, **D. Karaj**, F. Beolchini. *An innovation biotechnology for metal recovery from printed circuit boards*. RESOURCES, CONSERVATION AND RECYCLING, Vol. 153 (2020), 104549.

2019

79. **R. Lilo**, **E. Baraj**, R. Allabashi, **E. Tako**, **V. Hoxha**, **D. Karaj**, M. Vasjari, A. Shehu, **I. Gjikaj**, **E. Noçka**, S. Kodra. *Impact of Economic Activities in Water Quality of Erzeni River*. INTERNATIONAL JOURNAL OF NATURAL AND ENGINEERING SCIENCES, Vol. 13 (2019), No. 1, 25-32.

2018

78. **V. Hoxha**, K. Vaso, **A. Jano**, E. Poro. “*Study of physico- chemical parameters of surface waters in the Lana River, Albania.*” ZASTITA MATERIJALA Vol. 59 (2018), No. 4, 524 – 528.

2017

77. **A. Nuro**, E. Marku, B. Murtaç, **V. Hoxha**. “*Determination of some organic pollutants in waters rivers of Tirana city*”. ZASTITA MATERIJALA/ MATERIALS PROTECTION, Vol. 58 (2017), No. 2, pp. 212-221,
76. A. Nuro, E. Marku, D. Shëngjergji, B. Murtaç, Xh. Borshi, A. Napuçe, A. Dama, **V. Hoxha** “*Analysis of some organic pollutants in water samples of Ishëm river*” ALBANIAN UNIVERSITY JOURNAL, No. 2(2017), pp. 25-32.
75. **E. Baraj**, A. Gjoka, **R. Lilo (Totoni)**, R. Allabashi *Assessment of Water Monitoring System in Albania under the perspective of EU legislation and Austrian practice*. ALBANIAN JOURNAL OF AGRICULTURAL SCIENCES (AJAS) Vol. 16(2017), Special edition, pp. 155 – 164.
74. **R. Totoni (Lilo)**, **E. Baraj** *The rehabilitation of irrigation system, as a tool for maintaining and improving natural equilibrium of surface and ground waters in Divjaka area*. ALBANIAN JOURNAL OF AGRICULTURAL SCIENCES (AJAS) Vol. 16(2017), Special edition, pp. 591-596.
73. V. Gurazi, L. Xhagolli, R. Troja, T. Vaso, **D. Karaj**. *Impact of three different immobilization techniques on batch fermentation performance and substrate inhibition*. INTERNATIONAL JOURNAL OF CROP SCIENCE AND TECHNOLOGY, Vol. 3 (2017), pp 1-6.
72. **B. Dida**, D. Siliqi, A. Berisha, **D. Karaj**, M. Zema, “*The road to the Association of Albanian Crystallographers*”, ACTA CRYSTALLOGRAPHICA (2017), A73, C1397.

2016

71. **D. Karaj**, A. Mele, E. Mehmeti, E. Prifti, V. Gurazi. *The effect of Oleic acid during the extraction of carotenoids from tomato pulp with liquid carbon dioxide*. SCIENCE & TECHNOLOGIES, Vol. VI (2016), nr. 3, pp 13-19.
70. **E. Baraj**, V. Çelo, A. Shehu, **R. Totoni**, B. Baraj. *Study of the matrix effects on the determination of iron in oilfield brines in Albania, using AAS technique*. FRESINIUS ENVIRONMENTAL BULLETIN. Vol. 25(2016), No. 10, 3941-3947.
69. R. Terziu, **E. Baraj**, S. Yu, C. Förester, K. Xhaxhiu, M. Come). *Analytical study of marble consolidation by oxalate precipitation using density, FTIR and powder XRD measurements*, JOURNAL OF ENGINEERING & PROCESSING MANAGEMENT, Vol. 8 (2016) No.1, 21-26.
68. A. Shehu, M. Vasjari, **E. Baraj**, **R. Lilo**, R. Allabashi. *Contamination status of Erzeni River, Albania, due to heavy metal spatial and temporal distribution*. FRESINIUS ENVIRONMENTAL BULLETIN. Vol. 25 (2016), No 2, 525-533.
67. **V. Hoxha**, A. Nuro, O. Pine, B. Murtagj, A. Dama. "A survey of PAH and BTEX levels in drink water samples of Patos, Ballsh and Kucova areas" ALBANIAN UNIVERSITY JOURNAL. Nr 2 (2016), pp. 48-57

2015

66. **E. Tako**, A. Mele, **V. Plaku (Hoxha)**, K. Taraj "Adsorption of Lead Ions on Natural and Acid Activated Prrenjas Montmorillonite Clay", INTERNATIONAL JOURNAL OF ECOSYSTEMS AND ECOLOGY SCIENCE (IJEES), Vol. 5 (2015), No. 1, pp. 35-42.
65. **E. Tako**, A. Mele, **V. Plaku (Hoxha)**, K. Taraj "Evaluation of Lead Removal Using Prrenjas Montmorillonite Clay", JOURNAL OF INTERNATIONAL ENVIRONMENTAL APPLICATION & SCIENCE, Vol. 10(2015), No. 1, 37-45.
64. R. Terziu, M. Dauti, K. Xhaxhiu, **E. Baraj** Simple chemical treatments for a successful consolidation of marble objects. JOURNAL OF METALLOMICS AND NANOTECHNOLOGIES, Vol. 2/ 4(2015), 30-34.
63. R. Terziu, M. Dauti, K. Xhaxhiu, **E. Baraj** Step-by-step reduction of travertine porosity using low soluble inorganic salts. JOURNAL OF METALLOMICS AND NANOTECHNOLOGIES, Vol. 2/ 4(2015)., 35-39.
62. **E. Baraj**, **R. Totoni**, A. Shehu, F. Niencheski, M. Vasjari, B. Baraj *Experimental estimation of the systematic errors due to matrix interferences in trace analyses*. INTERNATIONAL JOURNAL OF ADVANCED RESEARCH, Vol. 3 (2015), Issue 10, 704-709.
61. **E. Baraj**, **R. Totoni Lilo**, R. Sadikaj *Determination of mycotoxin producing fungi in barley malt by using microcultiue technique*. JOURNAL OF HYGIENIC ENGINEERING AND DESIGN, Vol 12(2015), 55-59.
60. **E. Baraj**, **R. Totoni Lilo**, R. Sadikaj. *Regulatory Standards for the control of Mycotoxins and their application in Albania*. JOURNAL OF AGRICULTURE AND

59. A. Dyli, R. Sadikaj, D. Arapi, **E. Baraj**, M. Bllaca, V. Spaho *Assessment of natural diets in the adults of two small body native fishes and fingerlings of two exotic species inhabiting Thana Lake, Lushnja-Albania*. INTERNATIONAL JOURNAL OF ECOSYSTEMS AND ECOLOGY SCIENCES, Vol.5(2015)., Issue 2, 241-248.
58. R. Sadikaj, **E. Baraj**, D. Arapi, I. Mehja *The study of some characteristics of ichthyic populations with commercial interest in the Lake of Ohrid*. JOURNAL OF HYGIENIC ENGINEERING AND DESIGN, Vol. 12(2015), 114-117.
57. **D. Karaj**, A. Mele. *Kinetics of extraction of carotenoids from tomato pulp in presence of oleic acid by near critical liquid carbon dioxide*. INTERNATIONAL JOURNAL OF ENGINEERING INVENTIONS, Vol. 4 (2015), Issue 8, pp 1-5.
56. **E. Noçka, I. Gjikaj**, A. Devolli, *"Building of the absorbances spectral curve as it relates to the wavelength in solution containing SDS"*. EUROPEAN ACADEMIC RESEARCH. Vol. III (2015), Issue 1. pp. 446-450.
55. **E. Noçka, I. Gjikaj**, A. Devolli, *"The study of relation of absorbance with time and optimization of measurement conditions"*. INTERNATIONAL RESEARCH JOURNAL OF NATURAL AND APPLIED SCIENCES (IRJNAS), Vol. 2(2015), Issue 3, pp. 205-209.
54. **E. Noçka**, A. Devolli, **I. Gjikaj**, *"The study of stabilizing effect of polyvinyl alcohol in absorbance of anionic detergent solutions"*. INTERNATIONAL RESEARCH JOURNAL OF NATURAL AND APPLIED SCIENCES (IRJNAS), Vol. 2(2015), Issue 3, pp. 210-215.
53. **I. Gjikaj**, M. Vasjari, M. Terpo, *"Biomonitoring of atmospheric deposition of heavy metals using moss from three regions in Albania"*. INTERNATIONAL JOURNAL OF ECOSYSTEMS AND ECOLOGY SCIENCE (IJEES), Vol. 5 (2015), No. 3, pp. 353-360.
52. **I. Gjikaj**, M. Vasjari, M. Terpo, *"Air pollution studies in Albania using the moss biomonitoring technique"*. EUROPEAN ACADEMIC RESEARCH, Vol. III(2015), Issue 2. pp. 1609-1627.
51. M. Terpo, M. Vasjari, **I. Gjikaj**, *"Heavy metal contamination and toxicity: a case study in south Albania"*. INTERNATIONAL JOURNAL OF ECOSYSTEMS AND ECOLOGY SCIENCE (IJEES), Volume 5(2015), Issue 3, 2015. pp. 365-370.

2014

50. **D. Karaj**, A. Mele. *Extraction of carotenoids from tomato by near critical liquid carbon dioxide*. INTERNATIONAL JOURNAL OF ECOSYSTEMS AND ECOLOGY SCIENCE (IJEES), Vol. 4 (2014), Issue 4, pp 637-644.
49. E. Kokalari, A. Lame, Xh. Greca, **A. Jano**, *Oleuropein Extract From Olive Leaves, An Efficient Inhibitor Against The Corrosion Of Metals Alloys*, INTERNATIONAL JOURNAL OF ECOSYSTEMS AND ECOLOGY SCIENCE (IJEES), Vol.4/3(2014).

48. A. Lame, E. Kokalari, **A. Jano**, *Migration Corrosion Inhibitor Against Premature Failure of Reinforced Concrete Caused By Penetration of Aggressive Environment*, INTERNATIONAL JOURNAL OF ECOSYSTEMS AND ECOLOGY SCIENCE (IJEES), Volume 4/3, 2014.
47. **A. Jano**, A. Lame, E. Kokalari, *Lysine as a Corrosion Inhibitor For Low Alloy Carbon Steel in Acidic Media*, SERIA: CHIMIE, OVIDIUS UNIVERSITY ANNALS OF CHEMISTRY, Vol.XXV Year XXV – 2014, Number 1.
46. **A. Jano**, A. Lame, E. Kokalari, *The Inhibition Effects of Methionine on Mild Steel In Acidic Media*, SERIA: CHIMIE, OVIDIUS UNIVERSITY ANNALS OF CHEMISTRY, Vol.XXV Year XXV – 2014, Number 1.
45. **V. Hoxha (Plaku)**, A.Nuro, K. Vaso, **E. Noçka**. "Analyze of some Volatile Organic Compounds in Air Samples from Tirana City by the Gas Chromatographic Technique" JOURNAL OF INTERNATIONAL ENVIRONMENTAL APPLICATION & SCIENCE, Vol. 9(2) (2014): 312-317.
44. **V. Hoxha (Plaku)**, A. Nuro "Determination of Some Volatile Organic Compounds Using Bioindicator Samples", INTERNATIONAL JOURNAL OF ECOSYSTEMS AND ECOLOGY SCIENCE (IJEES), Vol 4(2014), No. 2, 217-224.

2013

43. E. Kokalari, A. Andoni, A. Lame, **A. Jano**, *The Extraction Of Amino Acids From Soybean In Order To Be Use As Corrosion Inhibitor*, INTERNATIONAL JOURNAL OF ECOSYSTEMS AND ECOLOGY SCIENCE (IJEES), 2013.
42. E. Mulla, **R. Totoni (Lilo)**, **L. Prifti** *Seasonal Variations of NO₂ and SO₂ Concentrations in Tirana's Air*. JOURNAL OF INTERNATIONAL ENVIRONMENTAL APPLICATIONS & SCIENCE, Vol. 8 (2) (2013), 272-279.
41. **I. Gjika**, M. Vasjari, "Air Pollution Survey of Tirana, Durrës and Lezhë Regions in Albania, Using the Moss Biomonitoring Technique". JOURNAL OF INTERNATIONAL ENVIRONMENTAL APPLICATION & SCIENCE, September 2013, Volume 8(2013), Issue 3. pp. 435-440.
40. **I. Gjika**, P. Lazo, M. Vasjari, J. Marka, M. Terpo, F. Malaj, "Assessment of Air Pollution in the City of Tirana Using the Biomonitoring Technique 'Moss Bag'". SCIENTIFIC BULLETIN, "I. QEMALI" UNIVERSITY, Vol. 2(2013), Nr. 1.
39. **V. Hoxha (Plaku)**. *A Study of Ozone – Depleting Substances in Albania, In Order To Determine Forecasts Of ODS Consumption* INTERNATIONAL JOURNAL OF ECOSYSTEMS AND ECOLOGY SCIENCE (IJEES), Vol 3(2013), No. 2, 279-282.
38. **V. Hoxha** "The Lime Method, the Optimal Method for the Treatment of Arsenical Solutions in the Chemical Fertilizers Plant – Fier", ANGLISTICUM. Vol. 2(2013), No. 1, 156–162.
37. K. Taraj, A. Mele, **E. Tako**, *Effects of Extraction with Different Solvents on the Porosity of Residual Plant Material*. BULLETIN OF NATURAL SCIENCES (UT), No. 16 (2013), pp. 208-215.

2012

36. E. Kokalari, A. Lame, A. Andoni, **A. Jano**, *The Extraction Of Biopolimers From The Endosperms Of Some Leguminosae Plants, In Order To Be Used As Corrosion Inhibitors*, INTERNATIONAL JOURNAL OF ECOSYSTEMS AND ECOLOGY SCIENCE (IJEES), Vol. 2 (2012), No. 3, (Serial Number 7), pp. 191-194.
35. A. Lame, E. Kokalari, **A. Jano**, *Comparison Of Corrosion Protection Efficiency Of Two Kind Of Polysaccharides Extracted By Diffrent Leguminosae Plant*, INTERNATIONAL JOURNAL OF ECOSYSTEMS AND ECOLOGY SCIENCE (IJEES), Vol. 2 (2012), No. 3, (Serial Number 7), pp. 195-200.
34. **A. Jano**, A. Lame, E. Kokalari, *Use Of Extracted Green Inhibitors As A Friendly Choice In Corrosion Protection Of Low Alloy Carbon Steel*, KEMIJA U INDUSTRIJI/JOURNAL OF CHEMISTS AND CHEMICAL ENGINEERS, Vol. 61 (2012), No. 11-12, pp. 497-503.
33. **R. Totoni (Lilo)**, **L. Prifti**, E. Mulla *Particulate Matter pollution, a continuing problem in Tirana air quality: status and trends*. ASIAN JOURNAL OF CHEMISTRY, Vol. 24(2012), No. 6, 2674-2678.
32. P. Lazo, M. Vasjari, M. Frontasyeva, T. Stafillov, F. Malaj, **I. Gjikaj**, Z. Goryainova, K. Baceva, *"The study of atmospheric depositions of heavy metals in Tirana and Vlora cities, Albania, by active moss biomonitoring technique"*, FRENsius ENVIRONMENTAL BULLETIN. Vol. 21 (2012)-No.8a, pp. 2170-2177.
31. F. Qarri, P. Lazo, M. Vasjari, M. Terpo, **I. Gjikaj**, *"Assesment of Atmospheric Deposition of Heavy Metal in The South of Albania by Using Moss Monitoring"*, INTERNATIONAL JOURNAL OF ECOSYSTEMS AND ECOLOGY SCIENCE (IJEES), Volume 2/3, (2012), 257-266.
30. M. Terpo, M. Vasjari, P. Lazo, J. Marka, **I. Gjikaj**, F. Malaj, *"Biomonitoring of Metal Levels in the Atmosphere Using Moss (Hypnum cupressiforme) in the Southern Region of Albania"*, UNIVERSITY RESEARCH: PERIODICAL "MATHEMATICS AND NATURAL SCIENCES" (UGJ), 35/2012: pp.189 – 197.
29. F. Qarri, P. Lazo, M. Vasjari, M. Terpo, **I. Gjikaj**, *Biomonitoring of air in Vlora city using the 'moss bag' as active sampler*. UNIVERSITY RESEARCH: PERIODICAL "MATHEMATICS AND NATURAL SCIENCES" (UGJ), 35/2012: pp. 198 – 207.

2011

28. **D. Karaj**, M. Vasjari, P. Laze, A. Merkoçi. *Optimization electrochemical parameters of voltammetry (DPV and SWV) with anodic stripping in determining of Cd using screen-printed electrodes*. JOURNAL OF INSTITUTE ALB-SHKENCA, Vol. 4 (2011), Issue 2, pp 207-213.
27. **E. Noçka(Karroççi)**. *Hydrogen Permeation in carbon steel and inhibitors impacts study*. ASIAN JOURNAL OF CHEMISTRY. Vol. 23(2011), No.8.
26. **I. Gjikaj**, M. Vasjari, P. Lazo, J. Marka, M. Terpo, F. Malaj, *"Moss Bag' Technique for Assessing Heavy Metal Levels in the Air Applied in the City of Tirana"*.

BULLETIN: MATHEMATICS AND NATURAL SCIENCES (UT), Nr. 12 (2011), pp. 124-134.

25. M. Terpo, P. Lazo, M. Vasjari, J. Marka, **I. Gjika**, F. Malaj, "The characterization of mosses as bioindicators and bioaccumulators in air pollution monitoring", INTERNATIONAL JOURNAL OF ECOSYSTEMS AND ECOLOGY SCIENCE (IJEES), Volume 1/3, (2011), pp. 65-68.
24. M. Terpo, M. Vasjari, P. Lazo, M. Brixhi, J. Marka, **I. Gjika**, F. Malaj, "Mussels as Bioindicators of Heavy Metal Deposition in the Southern Region of Albania", BULLETIN: MATHEMATICS AND NATURAL SCIENCES(UT) 12/2011, 114-124.
23. F. Qarri, P. Lazo, M. Vasjari, M. Terpo, **I. Gjika**. "Moss biomonitoring technique of air in urban and rural zone of Vlora region". BULLETIN: MATHEMATICS AND NATURAL SCIENCES (UT), Special number, 2011: pp. 346-352.

2010

22. J. Garda- Buffon, **E. Baraj**, E. Badiale Furlong. *Effect of Deoxynivalenol and T-2 Toxin in malt amylase activity*. BRAZ. ARCH. BIOL. TECHNOL. V. 53 (2010), no. 3: pp. 505-511.
21. **R. Totoni (Lilo)**, E. Mulla *Sustainable Development of tourism in Kune-Vain Wetland System*. JOURNAL OF STUDIES IN ECONOMICS AND SOCIETY, Vol 2(2010), 299-311.
20. **R. Totoni (Lilo)** *The Progress of Urban Air Pollution in Tirana from Particulate Matter and Lead Over the Years 1997-2007*. JOURNAL OF INSTITUTE ALB-SHKENCA, Vol. III (2010), 100-105.
19. A. Devolli, **E. Noçka(Karroçi)**. *Environmental impact of a brewery*. JOURNAL OF STUDIES ON ECONOMICS AND SOCIETY. Vol.2(2010), No 2.
18. A. Devolli, N. Hila, **E. Tako, E. Noçka(Karroçi)**, *Biological control in the process of beer production*. JOURNAL OF INSTITUTE ALB-SHKENCA. Vol. III(2010), 413-418.

2009

17. **R. Totoni (Lilo)**, E. Mulla. *Heavy metal pollution in Durrës Harbor and potential environmental impacts of dredging and dredges sediment disposal activities*. THE ALBANIAN JOURNAL OF NATURAL AND TECHNICAL SCIENCES XV(26) (2009), 111-121.
16. **E. Tako, E. Noçka(Karroçi)**, A. Devoli. *Characterization of Polluted Waters from a Brewery and Methods for Minimizing Pollution*. JOURNAL OF INSTITUTE ALB-SHKENCA. Vell III (2009), No. 2. pp. 291-296.

2008

15. **E. Baraj**; D. Prifti, E. Badiale Furlong. *Determination of the Combined Impact of DON and T-2 Toxin on Amylolytic Enzyme Activity Using the Response Surface Method*. BULLETIN OF NATURAL SCIENCES, No. 6 (2008), 172-181.

14. **E. Baraj**, D. Prifti, E. Badiale Furlong *Simultaneous Determination and Recovery of Group A and B Trichothecenes from Beer Malt Samples*. SCIENTIFIC BULLETIN OF "ISMAIL QEMALI" UNIVERSITY, VLORA, No. 12/2008, 223-232.
13. **E. Baraj**; D. Prifti, E. Badiale, E. Furlong. *Study of the Kinetics of Amylolytic Enzymes in Malt under the Influence of DON and T-2 Toxin*. BULLETIN OF NATURAL SCIENCES, No. 5(2008), 272/1-12.

2006

12. D. Boçari, L. Tafaj, **R. Totoni** *Assessment of the pollution of Durrës Port from some organic compounds*. THE ALBANIAN JOURNAL OF NATURAL AND TECHNICAL SCIENCES, 19/20(2006), p. 247-253.

2004

11. Z. Haxhiaj, Y. Xhumari, **R. Totoni** *Study on the Implementation of an HACCP System in a Fruit Juice Processing Plant*. DITURIA (PUBLICATION OF THE ALBANIAN AMERICAN ACADEMY OF SCIENCES), Nr.4(2004), 83-94
10. **R. Totoni**, S. Jakupi. *Bacterial Pollution of the Littoral Waters of Lake Ohrid on the Albanian Side*. BIOLOGICAL STUDIES, Vol. 8/2004, p.66-73.

2003

9. **E. Baraj**, E. Badiale Furlong. *Procedure for simultaneous determination of trichothecenes: deoxynivalenol and T-2 toxin*. REV. INST. ADOLFO LUTZ, 62(2) (2003): 95-104.

2002

8. **R. Totoni**, A. Cullaj *Assessment of Atmospheric Pollution from Heavy Metals in Tirana, by chemical Analysis of settled dust*. THE ALBANIAN JOURNAL OF NATURAL AND TECHNICAL SCIENCES, VII, 12(2002), 71-80.

2001

7. **R. Totoni**, A. Cullaj. *Assessment of atmospheric pollution from particulate matter and heavy metals in urban environment of Tirana (Albania)*. ASIAN JOURNAL CHEMISTRY Vol. 13 (2001), No. 1, p. 78-88.

1999

6. **E. Baraj**, W. Augusto Ruiz. *Extração e purificação de enzimas*. VETOR-REVISTA DE CIÊNCIAS EXATAS E ENGENHARIAS, 9 (1999), 57-88. Recuperado (2007).
5. A. Bardhoshi, **R. Totoni**, S. Backa. *On the Iodine Content in Several Types of Table Salt Consumed in Our Country*. REVISTA MJEKESORE (MEDICAL JOURNAL), Nr. 2 (1999), 95-102.

1997

4. M.E. Torrero, **E. Baraj**, J. De Pablo, J. Gimenez, I. Casas. *Kinetics of corrosion and dissolution of uranium dioxide as a function of pH*. INTERNATIONAL JOURNAL OF CHEMICAL KINETICS, Vol. 29 (1997), 261-267.

1996

3. J. Gimenez, **E. Baraj**, M.E. Torrero, I. Casas, J. De Pablo. *Effect of H₂O₂, NaClO and Fe on the dissolution of unirradiated UO₂ in NaCl 5 mol kg⁻¹. Comparison with spent fuel dissolution experiments*. JOURNAL OF NUCLEAR MATERIALS Vol. 238 (1996), 64-69.

1991

2. J. Tereska, **B. Dida**, E. Plasari, T. Çuçi, "Determination by radiotracer technique of gas flow distribution in a SO₂ oxidation industrial reactor", JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, 154, (4) (1991), 241-248,
1. **B. Dida**, "Transforming single contact to double contact process in factory of sulphuric acid No.1 to increase the production and decrease the pollution", JOURNAL OF CHEMICAL TECHNOLOGY No. 2(1991), 68-76.

REFERIME NË KONFERENCA – PRESENTATIONS IN CONFERENCES

170. **E. Baraj**, Dh. Bello, **R. Totoni(Lilo)**, **E. Tako**, A. Bello. *Investigating the impact of open burn pits on air pollution in Albania*, THE 2ND EDITION OF THE NANOBALKAN INTERNATIONAL CONFERENCE (NB2024), Oct 28-Nov.1, 2024, Tirana, ALBANIA.
169. A. Shehu, **E. Baraj**, **R. Totoni**, K. Xhahiu, B. Baraj. *Distribution of PM_{2.5} in most frequented stations in Tirana and link with COVID- 19*. SECOND ANNUAL INTERNATIONAL CONFERENCE ON PUBLIC HEALTH AND ENVIRONMENT-WATER AND AIR QUALITY CONTROL: PROTECTING HUMAN HEALTH AND ENSURING SUSTAINABLE DEVELOPMENT. Academy of Sciences of Albania. 4-5 July 2024, Tirana, ALBANIA.
168. A. Shehu, **E. Baraj**, M. Vasjari, K. Haka, T. Pluhacek, P. Kotorri, B. Baraj. *Potential health risk of biota, water and sediments of Vjosa River: Mercury levels assessment*. INTERNATIONAL CONFERENCE ON "CLIMATE CHANGES, WATER RESOURCES AND WASTE WATER TREATMENT. Academy of Sciences and Arts, 27-28 May 2024, Prishtina, Kosova.
167. A. Shehu, **E. Baraj**, M. Vasjari, T. Pluhacek, V. Mazreku, B. Baraj. *Distribution of Hg in sediment and biota along Vjosa River*. 1ST NATIONAL CONFERENCE: "GEOENGINEERING OF SURFACE AND GROUNDWATER IN THE REPUBLIC OF ALBANIA - ALTERNATIVES FOR THEIR CONSERVATION AND GOOD MANAGEMENT. Academy of Sciences of Albania. 29-30 March 2024, ALBANIA.

Summary of Research and Scientific Activity

©2025 Faculty of Mathematical Engineering & Physical Engineering - Polytechnic University of Tirana

166. **V. Hoxha, A. Jano**, K. Vaso, E. Poro. "Evaluation of Nutrients and Heavy Metals in the Waters of Seman Basin", THE 10TH WORLD CONGRESS ON MECHANICAL, CHEMICAL, AND MATERIAL ENGINEERING (MCM'24), August 22-24, 2024, Barcelona, Spain.
165. I. Pasho, K. Vaso, L. Dardha, E. Mehmeti, **V. Hoxha**. "Detection and Analysis of Nitroimidazole Residues in Albanian Honey: Implications for Food Safety and Regulatory Oversight". 4TH INTERNATIONAL CONFERENCE ON INNOVATIVE ACADEMIC STUDIES (ICIAS) 12- 13 March 2024, Konya, Turkey.
164. **E. Tako**, A. Hasimi, **P. Malkaj**, B. Papajani, E. Como, M. Ndrita. *The effect of different amount MMT in PVA properties*, NANOBALKAN CONFERENCE 16-20 October 2023 Tirane, Albania.
163. **E. Tako**, "Co-adsorption of Pb (II) and Cd (II) ions from aqueous solutions on MMT Prrenjas clay". 2TH INTERNATIONAL SCIENTIFIC CONFERENCE BRIDGE 09-10 November 2023, Prizren, Kosovo.
162. E. Çomo, A. Hasimi, E. Kiri, **E. Tako**, A. Shatro. "Hydrochemical Assessment of the Aquifer of Thermal Waters in Llixha, Elbasan, Using Stiff Diagrams". 16TH INTERNATIONAL CONFERENCE ON METEOROLOGY, CLIMATOLOGY AND ATMOSPHERIC PHYSICS – COMECAP, 25-29 September 2023, Athens, Greece.
161. E. Çomo, A. Hasimi, **E. Tako**, B. Myrtaj, A. Nuro. *Characteristics of the Spatial Distribution of Pollutants in the Shkumbin River, Using the Inverse Distance Weighting Method*, THE 1ST INTERNATIONAL CONFERENCE ON RECENT ACADEMIC STUDIES, May 2–4, 2023, Konya, Turkey.
160. E. Çomo, **E. Tako**, A. Hasimi, Rr. Ormeni, O. Gjuzi, M. Ndrita. "Physical-Chemical Characteristics and Usage Possibilities of Elbasan Thermal Water". INTERNATIONAL CONFERENCE ON GEOTHERMAL ENERGY, SUSTAINABILITY AND THE ENVIRONMENT (ICGESE), April 03-04, 2023 Athens, Greece.
159. A. Hasimi, **E. Tako**, **P. Malkaj**, E. Como. *Preparation and Characterization of PVA Pure and PVA/MMT Matrix: Effect of Thermal Treatment*, XVII INTERNATIONAL CONFERENCE ON ADVANCES IN HYBRID, MULTIFUNCTIONAL AND NANOMATERIALS (ICAHMN 2023), February 16-17, 2023 New York, USA.
158. **B. Dida**, F. Baltassare, **D. Karaj**, F. Capiteli, D. Siliqi, *Application of functional nano- and biomaterials*, 26TH CONGRESS AND GENERAL ASSEMBLY OF THE INTERNATIONAL UNION OF CRYSTALLOGRAPHY, 22-29 August 2023, Melbourne, Australia
157. **R. Totoni (Lilo)**, **E. Baraj**, V. Mazreku, B. Baraj, E. Çela. *Seasonal variability on the Air Pollution in Korça City*. NANOBALKAN 2023 INTERNATIONAL CONFERENCE, October 16-20, 2023 Tirana, ALBANIA.
156. **D. Kaçorri (Salillari)**, **R. Totoni (Lilo)**, **L. Prifti**, "Multinomial logistic regression to estimate the public perception of air pollution and its impact on

health: a case study in Tirana” , 2ND INTERNATIONAL CONFERENCE ON RECENT ACADEMIC STUDIES ICRAS 2023 19-20 October 2023, Konya, Turkey.

155. **E. Baraj**, A. Shehu, **R. Totoni**, K. Xhaxhiu, B. Baraj. *A review Regarding the Correlation of Air Pollution with Covid-19*. NUTRICON 2023 INTERNATIONAL CONFERENCE: FOOD QUALITY AND SAFETY, HEALTH AND NUTRITION, 8-10 June, 2023 Ohrid, North Macedonia.
154. **B. Dida**, *Application of functional nano- and biomaterials for conservation of stony monuments of cultural heritage*, THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, ICEAS 2022, 17-18 November, 2022 Tirana, ALBANIA.
153. **I. Gjika**, “*Determination of Chromium (VI) in Different Environmental Samples Using Spectrophotometric Method*”, THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, ICEAS 2022, 17-18 November, 2022 Tirana, ALBANIA.
152. **D. Karaj**, **D. Salillari**, E. Shahu, E. Mehmeti, **E. Tako**, “*Major Metals and Trace Elements Content in Kashar Lake, Artificial Lake of Tirana, Farka Lake and Statistical Data Analysis*” THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, ICEAS 2022, 17-18 November 2022, Tirana, Albania.
151. A. Mele, F. Baldassare; A. Altomare; N. Corriero; E. Mesto; M. Lacalamita; G. Bruno; A. Sacchetti; B. Dida, **D. Karaj**; G. Della Ventura; F. Capitelli, D. Siliqi. *Luminescent Eu-hydroxyapatite for imaging applications*. THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, ICEAS 2022, 17-18 November 2022, Tirana, Albania.
150. **R. Lilo**, **E. Baraj**, **E. Tako** “*An Investigation over PM10 and TSP Pollution in Urban Air of Tirana City*” THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, ICEAS 2022, 17-18 November, 2022 Tirana, ALBANIA.
149. A. Shehu, B. Baraj, K. Xhaxhiu, S. Cenolli, **E. Baraj**, **R. Totoni**. *Study on the distribution of ground level PM concentrations of urban air in most frequented places of Tirana City*. TRENDS IN NANOTECHNOLOGY (TNT-2022), 3-7 October, 2022 Tirana, ALBANIA.
148. **E. Baraj**, K. Xhaxhiu, **R. Totoni**, F.H. Niencheski, B. Baraj. *Factorial design as a tool for the assessment of matrix interferences*. NUTRICON 2022 INTERNATIONAL CONFERENCE: FOOD QUALITY AND SAFETY, HEALTH AND NUTRITION, 8-10 June, 2022 Ohrid, North Macedonia.
147. **E. Noçka**, **I. Gjika**, I. Prifti “*Application of Pyrolytic and Gas Chromatographic Determinations in Fortuzaj-2 Borehole*”, THE 3RD INTERNATIONAL CONFERENCE ON APPLIED SCIENCES AND ENGINEERING, November 17-18, 2022, Tirane, Albania.
146. **A. Jano**, A. Lame, E. Kokalari. “*Pineapple Crown Extract As Green Inhibitor for Steel 39 in Acidic Media*.” THE 8TH INTERNATIONAL CONFERENCE ON

CHEMICAL AND POLYMER ENGINEERING (ICCPE'22), July 31 -August 02, 2022, Prague, Czech Republic.

145. **A. Jano**, A. Lame, E. Kokalari. "The Inhibition Efficiency of Pineapple Crown Extract for Iron B500 in H₂SO₄ and Hcl Media." THE 8TH INTERNATIONAL CONFERENCE ON CHEMICAL AND POLYMER ENGINEERING (ICCPE'22), July 31 -August 02, 2022, Prague, Czech Republic.
144. **V. Hoxha, A. Jano**, K. Vaso, E. Poro, "Determination of physico-chemical parameters in the Seman Basin waters, in the Fieri city". THE 8TH INTERNATIONAL CONFERENCE ON CHEMICAL AND POLYMER ENGINEERING (ICCPE'22), July 31 -August 02, 2022, Prague, Czech Republic.
143. **V. Hoxha, A. Jano**, K. Vaso, E. Poro, "Determination of different forms of phosphorus in water of the wastewater treatment plant in Durres, before and after treatment" THE 8TH INTERNATIONAL CONFERENCE ON CHEMICAL AND POLYMER ENGINEERING (ICCPE'22), July 31 -August 02, 2022, Prague, Czech Republic.
142. **V. Hoxha, A. Jano**, K. Vaso, A. Nuro, E. Poro. "The Determination of Some Organic Pollutants in the Waters of the Seman Basin." THE 7TH WORLD CONGRESS ON MECHANICAL, CHEMICAL, AND MATERIAL ENGINEERING (ICCPE 21), August 02 -04, 2021, Prague, Czech Republic.
141. **A. Jano, V. Hoxha**, A. Lame, E. Kokalari. "Effects of Migrating Inhibitors on Corrosion of Reinforcing Steel in Aggressive Environment", THE 7TH WORLD CONGRESS ON MECHANICAL, CHEMICAL, AND MATERIAL ENGINEERING (MCM'21), August 02 -04, 2021, Prague, Czech Republic.
140. **A. Jano**, A. Lame, E. Kokalari, **V. Hoxha**, "Comparison of Corrosion Protection Efficiency of Two Kinds of Amino Acids", THE 7TH WORLD CONGRESS ON MECHANICAL, CHEMICAL, AND MATERIAL ENGINEERING (MCM'21), August 02 -04, 2021, Prague, Czech Republic.
139. **E. Noçka**, I. Prifti, "Options on geochemical properties of oils and gases in Patos-Marine Region, Albania. SIXTEENTH INTERNATIONAL CONFERENCE ON: SOCIAL AND NATURAL SCIENCE–GLOBAL CHALLENGE. 22 September 2021, Vienna, Austria.
138. **R. Lilo, E. Baraj**. The impact of urbanization on urban air quality: a case of PM10 mass concentration in urban area of "Liqeni i Thatë", Tirana. III BALKAN AGRICULTURAL CONGRESS, 29 August-1 September, 2021 Edirne, Turkey.
137. **E. Baraj, R. Lilo**. Monitoring of contaminants in Albanian coastal area: A gap assessment. 1st INTERNATIONAL CONFERENCE ON WATER ENVIRONMENTAL PROTECTION AND SUSTAINABLE DEVELOPMENT WEPSD-2021, 17-18 May, 2021 Tirana, Albania.
136. **A. Jano, V. Hoxha**, A. Lame, "Using Inhibitors for Preventions of Corrosion "Cancer" Of Reinforced Concrete Constructions", THE 6TH WORLD CONGRESS ON MECHANICAL, CHEMICAL, AND MATERIAL ENGINEERING (MCM'20), August 16 -18, 2020, Prague, Czech Republic.

135. F. Capiteli, **B. Dida**, G. Della Ventura, F. Baldassare, D. Capiteli, G. S. Sensi, A. Mele, D. Siliqi, “*Functional Nano-Hydroxyapatite for Applications in Conservation of Stony Monuments of Cultural Heritage*”, THE 2ND INTERNATIONAL ONLINE CONFERENCE ON CRYSTALS (IOCC 2020), 10–20 November 2020.
134. **E. Tako**, F. Shehu “*A general description of Albanian Tar Sands and Natural Bitumen*” 5TH INTERNATIONAL CONFERENCE ON NATURAL AND ENGINEERING SCIENCES. 27-30 August 2019, Istanbul, Turkey.
133. **D. Karaj, E. Tako**. “*Determination of Physical-Chemical Parameters and WQI Variations in Water of Kashar Lake*”. 5th INTERNATIONAL CONFERENCE ON NATURAL AND ENGINEERING SCIENCES. 27-30 August 2019, Istanbul, Turkey.
132. **D. Karaj**, A. Mele, V. Gurazi, E. Mehmeti. *The apparent solubility of carotenoids (lycopene and β -carotene) in near critical carbon dioxide*. THE 54th CROATIAN & 14th INTERNATIONAL SYMPOSIUM ON AGRICULTURE. 17-22 February, 2019, Vodice, Croatia.
131. **S. Kovaçi**, L. Pepkolaj, **E. Tako, A. Berdilla** “*The impact of ICTS on teaching and learning*” 5th INTERNATIONAL CONGRESS ON EDUCATION SCIENCE AND LEARNING TECHNOLOGIES (ICESLT), November 06-10, 2019 in Sarajevo, Bosnia and Herzegovina.
130. **B. Dida**, F. Baldassare, **D. Karaj**, A. Hasimi, A. Altomare, R. Rizzi, N. Corriero, D. Siliqi, *Preparation and Characterization of Hydroxide of Alkaline Earth Metals Nanoparticle Dispersions for Cultural Heritage Application*, FIFTH MEETING OF THE ITALIAN (AIC) AND SPANISH CRYSTALLOGRAPHIC (GE3C) ASSOCIATIONS (MISCA V), 4-7 September 2019, Naples, Italy.
129. **E. Tako**, A. Mele, M. Sana. “*Adsorption of Cadmium Ions on natural and Acid Activated Prrenjas Montmorillonite Clay*” The 4th INTERNATIONAL CONFERENCE ON NATURAL AND ENGINEERING SCIENCES 09-12 October 2018, Bodrum Turkey.
128. **V. Hoxha, A. Jano, E. Tako**, E. Poro, “*Water Quality Assessment in the Tirana River: Environmental Risk Assessment on National and International Standards*” The 4th INTERNATIONAL CONFERENCE ON NATURAL AND ENGINEERING SCIENCES 09-12 October 2018, Bodrum Turkey.
127. R. Sadikaj, D. Arapi, **E. Baraj**, E. Spaho. *The effects of the usage of mechanical equipment of feeding above the scale of its consumption and above the indicators of growth of the trout Oncorhynchus mykiss in intensive cultivation plants*. 53rd CROATIAN & 13th INTERNATIONAL SYMPOSIUM ON AGRICULTURE, 18-20 February 2018, Vodice, Croatia.
126. L. Lici, **E. Noçka**. “*Physico-Chemical Characterzation of the Natural Water From the Vrizi-s Souce*”. WESTERN BALKAN CONFERENCE, 3-4 October 2018, Tirana Albania.
125. **R. Totoni, E. Baraj**, V. Gjeca, G. Fusha. *Consideration on air quality in Korca city and the factors that have major impact on it*. 2nd INTERNATIONAL

CONFERENCE ON APPLIED SCIENCES AND ENGINEERING. 16-17 November 2017, Tirana, Albania.

124. **B. Dida**, T. Miura, T. Furuhashi, *Modeling the Chemistry of Methane Combustion in Gas-Chemical Turbine*, THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania.
123. D. Siliqi, **B. Dida**. *Schuman-Diamond Syndrome: inside the structure of EFL1, SBDS proteins and their complex*, THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania
122. **D. Karaj**, A. Mele, E. Mehmeti, E. Prifti, V. Gurazi. *High pressure soxhlet extraction process by carbon dioxide under its liquid-vapour equilibrium conditions of carotenoids*. THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania
121. **B. Dida**, D. Siliqi, A. Berisha, **D. Karaj**, M. Zema, *The road to Association of Albanian Crystallographers*, 24TH CONGRESS AND GENERAL ASSEMBLY OF THE INTERNATIONAL UNION OF CRYSTALLOGRAPHY, 21-28 August 2017, Hyderabad, India.
120. **D. Karaj**, A. Damoni, A. Berisha, F. Capitelli, A. Moliterni, A. Altomare, F. Baldassare, **B. Dida**, D. Siliqi. *New carbazole-substituted imine structures: syntheses and XRD analysis*. 24TH CONGRESS AND GENERAL ASSEMBLY OF THE INTERNATIONAL UNION OF CRYSTALLOGRAPHY, 21-28 August 2017, Hyderabad, India.
119. **E. Baraj**, A. Gjoka, **R. Lilo (Totoni)**, R. Allabashi. *Assessment of Water Monitoring System in Albania under the perspective of EU legislation and Austrian practice*. SECOND INTERNATIONAL CONFERENCE ON "BIOTECHNOLOGY IN AGRICULTURE", Agricultural University of Tirana, April 18-19, 2017, Albania.
118. **R. Totoni (Lilo)**, **E. Baraj**. *The rehabilitation of irrigation system, as a tool for maintaining and improving natural equilibrium of surface and ground waters in Divjaka area*. SECOND INTERNATIONAL CONFERENCE ON "BIOTECHNOLOGY IN AGRICULTURE", AGRICULTURAL UNIVERSITY OF TIRANA, April 18-19, 2017, Albania.
117. **R. Totoni**, **E. Baraj**, V. Gjeca, G. Fusha. *Study of PM_{2.5} and PM₁₀ Mass Concentration in Korça City*. 12TH ANNUAL INTERNATIONAL SYMPOSIUM ON ENVIRONMENT, 22-25 May 2017, Athens, Greece.
116. **E. Tako**, **V. Hoxha**, **A. Jano**, E. Poro "Comparison of organic pollution of the Lana and Tirana River on the values of BOD, COD and DO". THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania.
115. **V. Hoxha**, **E. Tako**, "An overview of water pollution in the Lana River", CONFERENCE ON NATURAL SCIENCES AND TECHNOLOGY, KSNTEK 2017, 17-18 November 2017, Tirana, Albania.

114. **E. Tako**, A. Hasimi, B. Papajani "Evaluation of Cadmium Removal Using Prrenjas Montmorillonite Clay". 6th INTERNATIONAL CONFERENCE OF ECOSYSTEMS 03-06 June 2016, Tirane, Albania.
113. **B. Dida**, *The use of Bruker X-ray diffraction with a single beam and the basis of crystallography*, OPENLAB ALBANIA, 30 May-3 June 2016, PUT, FMEPE, Tirane, Albania.
112. **D. Karaj**, A. Mele, E. Mehmeti, E. Prifti, V. Gurazi. *Kinetics of the extraction of carotenoids from tomato pulp in presence of oleic acid*. THE XXVI INTERNATIONAL SCIENTIFIC CONFERENCE. 2-3 June, 2016, Stara Zagora, Bulgaria.
111. **D. Karaj**, A. Mele, E. Mehmeti, E. Prifti, V. Gurazi. *Kinetics of the extraction of carotenoids from tomato skin in presence of oleic acid*. 6th INTERNATIONAL CONFERENCE OF ECOSYSTEMS, 03-06 June 2016, Tirane, Albania.
110. **V. Hoxha**, A. Nuro, K. Vaso, **E. Tako** "Determination of Some Volatile Organic Compounds Through Bio Indicators Using GC/FID Technique in Tirana City" THE 5TH INTERNATIONAL CONFERENCE OF ECOSYSTEMS 5-8 June 2015, Tirana Albania.
109. **E. Baraj**, **R. Totoni Lilo**, R. Sadikaj. *Determination of mycotoxin producing fungi in barley malt by using microcultive technique*. NUTRICON 2015 INTERNATIONAL CONFERENCE: FOOD QUALITY AND SAFETY, HEALTH AND NUTRITION, 19-20 November, 2015 Skopje, North Macedonia.
108. R. Sadikaj, **E. Baraj**, D. Arapi, I. Mehja. *The study of some characteristics of Ichthyic populations with Commercial Interest in the Lake of Ohrid*. NUTRICON INTERNATIONAL CONFERENCE: FOOD QUALITY AND SAFETY, HEALTH AND NUTRITION, 19-20 November, 2015, Skopje, North Macedonia.
107. **R. Totoni**, **E. Baraj**, F. Hila, V. Gjeca. *Determination of water quality index (WQI) for evaluation of water quality and pollution status of Erzeni and Ishmi river*. 5th INTERNATIONAL CONFERENCE OF ECOSYSTEMS, 5-8 June, 2015 Tirana, Albania.
106. D. Arapi, R. Sadikaj, V. Spaho, **E. Baraj**, I. Malollari, B. Seiti. *Study of type composition of ichthyofauna in the lake of Thane in Albania*. 1st INTERNATIONAL CONFERENCE ON "ECOLOGY AND PROTECTION OF MARINE AND FRESHWATER ENVIRONMENTS" ECOPROWATER, October 01-03, Viterbo, Italy.
105. D. Cela, A. Mele, **D. Karaj**, D. Islami, S. Abazi. *Secondary metabolites isolated from endemic Albanian plants by subcritical liquid CO₂ extraction*. 2ND INTERNATIONAL CONFERENCE ON PLANT BIOLOGY-21ST SYMPOSIUM OF THE SERBIAN PLANT PHYSIOLOGY SOCIETY, 17-20 June, 2015. Petnica, Serbia.
104. E. Prifti, K. Xhaxhiu, E. Mehmeti, **D. Karaj**. *Methomyl adsorption from activated clays*. 5th INTERNATIONAL CONFERENCE OF ECOSYSTEMS, 5-8 June, 2015 Tirana, Albania.

103. **I. Gjikaj**, M. Vasjari, M. Terpo. *"Biomonitoring of atmospheric deposition of heavy metals using moss from three regions in Albania"*. 5th INTERNATIONAL CONFERENCE OF ECOSYSTEMS, 5-8 June, 2015, Tirana, Albania.
102. **I. Gjikaj**, M. Vasjari, M. Terpo. *"Biomonitoring of arsenic air pollution"*. 5th INTERNATIONAL CONFERENCE OF ECOSYSTEMS, 5-8 June, 2015 Tirana, Albania.
101. **I. Gjikaj**, M. Vasjari, M. Terpo. *"Biomonitoring of urban air pollution of Tirana using the moss bag technique"*. 5th INTERNATIONAL CONFERENCE OF ECOSYSTEMS, 5-8 June, 2015, Tirana, Albania.
100. **I. Gjikaj**, M. Vasjari, M. Terpo. *"Geochemical normalization method in biomonitoring of heavy metal air pollution"*. 5th INTERNATIONAL CONFERENCE OF ECOSYSTEMS, 5-8 June, 2015 Tirana, Albania.
99. **E. Noçka, I. Gjikaj**. *"The study of stabilizing effect of polyvinil alcohol in absorbance of anionic detergent solutions"*. 5th INTERNATIONAL CONFERENCE OF ECOSYSTEMS, 5-8 June, 2015, Tirana, Albania.
98. **E. Noçka, I. Gjikaj**, A. Devolli. *"Calibration curves and analytical areas of measurement for a wide area of the anionic detergent concentrations"* INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN TECHNOLOGY, SCIENCE AND UPCOMING RESEARCH IN COMPUTER SCIENCE DAVIM, 25th April 2015, Faridabad, India.
97. **E. Noçka, I. Gjikaj, D. Karaj**. *"Volumetric method of determining anionic detergent (AD) in surface water samples"*. 5th INTERNATIONAL CONFERENCE OF ECOSYSTEMS, 5-8 June, 2015 Tirana, Albania.
96. **E. Noçka, I. Gjikaj**. *"The study of relation of absorbance with time and optimization of measurement conditions"*. 5th INTERNATIONAL CONFERENCE OF ECOSYSTEMS, 5-8 June, 2015, Tirana, Albania.
95. C.M. Ehlert; G. K. Souza, **E. Baraj**, C. F. F. Andrade, L. F. H. Niencheski. *Influência hidrológica no nível de água da Lagoa dos Patos*. 14^a MOSTRA DA PRODUÇÃO UNIVERSITÁRIA, UNIVERSIDADE FEDERAL DO RIO GRANDE (FURG), 26-29 de outubro de 2015. Rio Grande-RS, Brasil.
94. A.V. Hasimi, **R. Totoni, E. Baraj**, E. Como. *A Statistical Study of Hardness of River Water in Albania*. 9TH INTERNATIONAL PHYSICS CONFERENCE OF BALKAN PHYSICS UNION, 24-27 August 2015, Istanbul, TURKEY.
93. R. Terziu, M. Dauti, **E. Baraj**, K. Xhaxhiu. *Simple Chemical Treatments for a Successful Consolidation of Marble Objects*. 10TH CONFERENCE ON SUSTAINABLE DEVELOPMENT OF ENERGY, WATER AND ENVIROMENT SYSTEMS, September 27 – October 2, 2015 Dubrovnik, Croatia.
92. R. Terziu, M. Dauti, **E. Baraj**, K. Xhaxhiu. *Travertine Consolidation by Consequent Deposition of Low Soluble Inorganic Salts*. 10TH CONFERENCE ON SUSTAINABLE DEVELOPMENT OF ENERGY, WATER AND ENVIROMENT SYSTEMS, September 27 – October 2, 2015 Dubrovnik, Croatia.

91. A. Sadiku, **A. Jano**, Z. Gace, A. Lame, E. Kokalari. *Study of Corrosion Protection of Steel Rebars in Concrete by Sacrificial Anodes of Zn-Al-In Alloys and By Green Inhibitor Locust Bean Gum*, EUROCORR, 6-10 September 2015, Graz, Austria.
90. **A. Jano**, A. Lame, E. Teli. *The Inhibition Effects Of Methionine On Mild Steel In Acidic Media*, INTERNATIONAL CONFERENCE CHIMIA 2014 "NEW TRENDS IN APPLIED CHEMISTRY", May 23– 24, 2014 Constanța, Romania.
89. E. Kokalari, A. Lame, Xh. Greca, **A. Jano**, *Oleuropein Extract from Olive Leaves, An Efficient Inhibitor Against the Corrosion of Metals Alloys*, 4th INTERNATIONAL CONFERENCE OF ECOSYSTEMS (ICE 2014) May 23- 26, 2014, Tirana, Albania.
88. A. Lame, E. Kokalari, **A. Jano**, *Migration Corrosion Inhibitor Againsts Premature Failure of Reinforced Concrete Caused by Penetration of Aggressive Environment*, 4th INTERNATIONAL CONFERENCE OF ECOSYSTEMS (ICE 2014) May 23- 26, 2014, Tirana, Albania.
87. **D. Karaj**, A. Mele. *Kinetics of lycopene and β -carotene from tomato pulp by near critical liquid CO₂*. 8TH CONFERENCE ON MEDICINAL AND AROMATIC PLANTS OF SOUTHEAST EUROPEAN COUNTRIES, 19-22 May 2014, Durrës, Albania.
86. **D. Karaj**, A. Mele. *Solubility of fatty acids in liquid carbon dioxide*. 4th INTERNATIONAL CONFERENCE OF ECOSYSTEMS (ICE 2014) May 23- 26, 2014, Tirana, Albania.
85. **E. Baraj**, **R Lilo**, R Allabashi, **E. Tako**. *Comparison between BOD and Oxygen Depletion on quantitative determination of organic pollution in Erzeni river*. Xth INTERNATIONAL SYMPOSIUM ON BIODIVERSITY, CONSERVATION AND SUSTAINABLE USE FOR RURAL DEVELOPMENT, December 10-12, 2014 Tirana, Albania.
84. **E. Baraj**, **R. Totoni**, A. Ylli, M. Ekonomi. *Fusarium Toxins, the Hazards to their Exposure: Albanian Case*. CONFERENCE ON APPLIED SCIENCES, "NEW TECHNOLOGIES AND APPLICATIONS IN MEDICINE", 7-8 November 2014, Tirana, Albania.
83. **E. Noçka**, **V. Hoxha (Plaku)**, A. Nuro. "Metoda e SAA qe bazohet ne kompleksin 1.10 fenantrolin-Cu(II) per percaktimin e DA ne ujrart natyrore". THE 1st INTERNATIONAL SCIENTIFIC SYMPOSIUM FOR AGRICULTURE AND VETERINARY MEDICINE, 10 December 2014, Prishtina, Kosovo.
82. **E. Noçka**, **V. Hoxha (Plaku)**, A. Nuro "Metoda vellimetrike e percaktimit te detergjenteve anionike (DA) ne mostrat e ujrave sipërfaqesore". THE 1st INTERNATIONAL SCIENTIFIC SYMPOSIUM FOR AGRICULTURE AND VETERINARY MEDICINE, 10 December 2014, Prishtina, Kosovo.
81. **V. Hoxha (Plaku)**, K. Vaso, A. Nuro, **E. Noçka** "Analysis of Some Volatile And Semivolatile Organic Compounds By Gas Chromatographic Methods" THE 1st INTERNATIONAL SCIENTIFIC SYMPOSIUM FOR AGRICULTURE AND VETERINARY MEDICINE, 10 December 2014, Prishtina, Kosovo.
80. **V. Hoxha (Plaku)**, K. Vaso. "Determination of Some Halogen Alkanes, in Several

- Cities in Albania, Deposed Through Active Indicators (Particles) Using The GC/ECD Technique". INTERNATIONAL WORKSHOP ON LHC, ASTROPHYSICS, MEDICAL AND ENVIRONMENTAL PHYSICS. 6-8 October 2014, Shkodër, Albania.*
79. A. Nuro, E. Marku, B. Murtaj, K. Dule, A. Kika, **V. Hoxha (Plaku)**. "Interpretation of Environmental Data Using Cluster Analysis. Case Study: BTEX and PAH In Sediment Samples of Patoku Lagoon" THE 2ND INTERNATIONAL CONFERENCE ON "RESEARCH AND EDUCATION – CHALLENGES TOWARD THE FUTURE", ICRAE 2014, 30 – 31 May 2014, Shkodër, Albania.
 78. **V. Hoxha (Plaku)**, A. Nuro. "The Determination of Some Volatile Organic Compounds Deposed Through Passive Indicators using the GC/FID Technique", THE 2ND INTERNATIONAL CONFERENCE ON "RESEARCH AND EDUCATION – CHALLENGES TOWARD THE FUTURE", ICRAE 2014, 30 – 31 May 2014, Shkodër, Albania.
 77. **V. Hoxha (Plaku)**, A. Nuro. "A Method for the Determination of Some Volatile Organic Compounds with GC/FID and GC/ECD". THE 4TH INTERNATIONAL CONFERENCE OF ECOSYSTEMS (ICE 2014), May 23-26, 2014, Tirana, Albania.
 76. **V. Hoxha (Plaku)**, K. Vaso, A. Nuro. "Evaluation of the Annual Consumption of Ozone Depleting Substances in Albania, in Order to Survey Compliance with the Montreal Protocol" THE 4TH INTERNATIONAL CONFERENCE OF ECOSYSTEMS (ICE 2014), May 23-26, 2014, Tirana, Albania.
 75. A. Nuro, O. Pine, **V. Hoxha (Plaku)**, **E. Noçka**. "Study of Chlorobenzenes, Organochlorinated Pesticides and PCB Markers in Fruit and Vegetable Samples of Albania Market" THE 1ST INTERNATIONAL SCIENTIFIC SYMPOSIUM FOR AGRICULTURE AND VETERINARY MEDICINE, 10 December 2014, Prishtina, Kosovo.
 74. **E. Tako**, A. Mele "Determination of Optimal Conditions for The adsorption of Lead from Prrenjas Montmorillonite Clay", 4th INTERNATIONAL CONFERENCE OF ECOSYSTEMS (ICE 2014), May 23- 26, 2014, Tirana, Albania.
 73. K. Taraj, A. Mele, **E. Tako**. "Superficial changes of smectic clays after chemical and thermal treatment" INTERNATIONAL CONFERENCE "NEW FRONTIERS OF NANOMATERIAL TECHNOLOGIES FOR APPLICATIONS IN BIOLOGY AND MEDICINE", May 23-26, 2014, Tirane, Albania.
 72. **E. Baraj**, **R. Totoni**. *Trichothecene mycotoxins and legislation for their control in Albania.* THE 1ST INTERNATIONAL CONFERENCE ON RESEARCH AND EDUCATION CHALLENGES TOWARDS THE FUTURE (ICRAE-2013) 24-25 May 2013, Shkodër, Albania.
 71. **R. Totoni**, **E. Baraj**. *Study of PM10, levels in urban air of Tirana (Vasil Shanto Cross-Road) and statistical analysis of data collected.* THE 1ST INTERNATIONAL CONFERENCE ON RESEARCH AND EDUCATION CHALLENGES TOWARDS THE FUTURE (ICRAE- 2013) 24-25 May 2013, Shkodër, Albania.

70. S. Lilo, **R. Totoni**. *Development of the Environmental Code of Conduct in Dajti National Park*. THE 1ST INTERNATIONAL CONFERENCE ON RESEARCH AND EDUCATION CHALLENGES TOWARDS THE FUTURE (ICRAE- 2013) 24-25 May 2013, Shkodër, Albania.
69. **A. Jano**, A. Lame, E. Kokalari, *Inhibition Effect of Lysine For Low Alloy Carbon Steel In Acidic Media*, THE 1ST INTERNATIONAL CONFERENCE ON RESEARCH AND EDUCATION CHALLENGES TOWARDS THE FUTURE (ICRAE- 2013) 24-25 May 2013, Shkodër, Albania.
68. E. Kokalari, A. Andoni, A. Lame, **A. Jano**, *The Extraction of Amino Acids From Soybean In Order To Be Use As Corrosion Inhibitor*, 3rd INTERNATIONAL CONFERENCE OF ECOSYSTEMS, May 31 - June 5, 2013, Tirana, Albania.
67. **A. Jano**, A. Lame, E. Teli, *Lysine As A Corrosion Inhibitor For Low Alloy Carbon Steel In Acidic Media*, 18TH ROMANIA INTERNATIONAL CONFERENCE ON CHEMISTRY AND CHEMICAL ENGINEERING, September 4-7, 2013, Sinaia, Romania.
66. **D. Karaj**, A. Mele, S. Abazi, E. Mehmeti. *The Liquid CO₂ extraction of Lycopene and β -Carotene from tomato*. THE 6th INTERNACIONAL SYMPOSIUM ON THE HIGH PRESSURE ON TECHNOLOGY, 8-11 September 2013. Belgrade, Serbia.
65. **B. Dida**, “*PET remaining and possible ricycle proceses to be applied in Albania*”, The VII ANUAL INTERNATIONAL MEETING OF ENVIRONMENTAL SCIENCES, Skopie 2012, North Macedonia.
64. E. Mulla, **B. Dida**, “*Assesment of electronic remaining in Albania*”, THE VII ANUAL INTERNATIONAL MEETING OF ENVIRONMENTAL SCIENCES, Skopie 2012, North Macedonia.
63. **R. Totoni**, **L. Prifti**, S. Lilo. *Comparative assessment of air quality in two Albanian cities*. MEDICAL GEOGRAPHY SYMPOSIUM "TRADITIONS AND MODERNITY IN MEDICAL GEOGRAPHY AND DISASTER MEDICINE" 25-26 October 2012, Sofia, Bulgaria.
62. **L. Prifti**, **R. Totoni**. *Study of oil industry pollution effects in a human health case*. MEDICAL GEOGRAPHY SYMPOSIUM "TRADITIONS AND MODERNITY IN MEDICAL GEOGRAPHY AND DISASTER MEDICINE" 25-26 October 2012, Sofia, Bulgaria.
61. J. Marku, **E. Noçka**. *The characterization of the streams leaving separator in cement production*. INTERNATIONAL CONFERENCE XIV YUCORR EXCHANGING EXPERIENCES IN THE FIELDS OF CORROSION, MATERIALS AND ENVIRONMENTAL PROTECTION. 17-20 April 2012, Serbia.
60. A. Mele, M. Çipa, K. Taraj, K. Xhaxhiu, **E. Tako** “*Surface changes of bentonite clays after the modification with H₂SO₄ and nitrogen organic cations*” INTERNATIONAL CONFERENCE OF ECOSYSTEME (ICE2012), June 1-6, 2012, Tirana, Albania.
59. A. Lame, **A. Jano**, E. Kokalari, *Protective Action of Some Plant Extracts Against Corrosion of Reinforcing Steel in a Sulfuric Acid Environment*, SCIENTIFIC

CONFERENCE "FACULTY OF NATURAL SCIENCES" ON THE 100TH ANNIVERSARY OF INDEPENDENCE, 22-23 November 2012, Tirana, Albania.

58. E. Kokalari, A. Andoni, A. Lame, **A. Jano**. *Locust Bean Gum Extracted From Endosperms Of Carob Tree, A Kind Of Green Inhibitors Against The Corrosion*, INTERNATIONAL CONFERENCE ON RESEARCH AND EDUCATION CHALLENGES TOWARDS THE FUTURE, Shkodër 2012, Albania.
57. A. Lame, **A. Jano**, E. Teli. *Sulfuric Acid Corrosion Protection Efficiency Of Locust Bean Gum For Different Steels Used As Concrete Armor*, INTERNATIONAL CONFERENCE ON RESEARCH AND EDUCATION CHALLENGES TOWARDS THE FUTURE, Shkodër 2012, Albania.
56. E. Kokalari, A. Lame, A. Andoni, **A. Jano**, *The Extraction Of Biopolimers From The Endosperms Of Some Leguminosae Plant, In Order To Be Used As Corrosion Inhibitor*, 2ND INTERNATIONAL CONFERENCE OF ECOSYSTEMS (ICE 2012), June 1-6, 2012, Tirana, Albania.
55. A. Lame, Efrosini. Kokalari, **A. Jano**, *Comparison of Corrosion Protection Efficiency Of Two Polysaccharides Extracted By Different Leguminosae Plant*, 2ND INTERNATIONAL CONFERENCE OF ECOSYSTEMS (ICE 2012), June 1-6, 2012, Tirana, Albania.
54. E. Kokalari, A. Andoni, A. Lame, **A. Jano**, *Locust Bean Gum Extracted from Endosperms of Carob Tree, A Kind of Green Inhibitors Against the Corrosion*, INTERNATIONAL CONFERENCE ON RESEARCH AND EDUCATION CHALLENGES TOWARDS THE FUTURE, Shkodër 2012, Albania.
53. A. Lame, **A. Jano**, E. Kokalari, *Use of extracted green inhibitors as a friendly choice in corrosion protection of low alloy carbon steel*, IX MEETING OF YOUNG CHEMICAL ENGINEERS, February 16–17, 2012, Zagreb, Croatia.
52. A. Devolli, N. Hila, A. Kodra, **E. Noçka (Karroçi)**. *Rules of hygiene and sanitary in the environments of beer factory*. 3RD INTERNATIONAL SCIENTIFIC CONFERENCE "ECONOMIC POLICY AND EU INTEGRATION, Tirane 2011, Albania.
51. K. Vaso, **V. Hoxha, E. Noçka (Karroçi)**. *Monitoring of usage of ozone-depleting substances, a summary of the actual situation in Albania*. 2ND THE INTERNATIONAL CONGRESS "ENGINEERING, ECOLOGY AND MATERIALS IN THE PROCESSING INDUSTRY". 9-11 March 2011, East Sarajevo.
50. **E. Noçka**, A. Devolli, E. Karriqi. *The study of changes in temperature and relative humidity air as a function of moisture*. NATIONAL CONFERENCE "ADVANCED STUDIES IN MATHEMATICAL, PHYSICAL, AND CHEMICAL ENGINEERING". 28 October 2011, Tirana, Albania.
49. **B. Dida**, *Numerical approach and experiments to model the turbulent rich methane air flames*, NATIONAL CONFERENCE "ADVANCED STUDIES IN MATHEMATICAL, PHYSICAL, AND CHEMICAL ENGINEERING". 28 October 2011, Tirana, Albania.

48. **B. Dida**, "Reduced kinetics for modeling the methan-air flame in laminar and atmospheric conditions", NATIONAL CONFERENCE "ADVANCED STUDIES IN MATHEMATICAL, PHYSICAL, AND CHEMICAL ENGINEERING". 28 October 2011, Tirana, Albania
47. **E. Noçka**, A Devolli, E. Karriqi. *An engineering overview on cooling fundamentals and refrigerants*. NATIONAL CONFERENCE "ADVANCED STUDIES IN MATHEMATICAL, PHYSICAL, AND CHEMICAL ENGINEERING". 28 October 2011, Tirana, Albania.
46. **E. Tako**, A. Mele, F. Shehu "Studying the behavior of some clay of the country, during their thermal processing". NATIONAL CONFERENCE "ADVANCED STUDIES IN MATHEMATICAL, PHYSICAL, AND CHEMICAL ENGINEERING". 28 October 2011, Tirana, Albania.
45. **V. Hoxha**. "The methods for the optimal treatment of arsenic solution in the nitrogen fertilizers plant in Fieri, in order to minimize the risk. " NATIONAL CONFERENCE "ADVANCED STUDIES IN MATHEMATICAL, PHYSICAL, AND CHEMICAL ENGINEERING". 28 October 2011, Tirana, Albania.
44. **I. Gjikaj**, M. Vasjari, P. Lazo, J. Marka, M. Terpo, F. Malaj. "Air pollution survey of Tirana, Albania using the moss bag biomonitoring technique". INTERNATIONAL CONFERENCE OF ECOSYSTEMS (ICE_2011), June 4-6, 2011 Tirana, Albania,
43. **I. Gjikaj**, M. Vasjari, P. Lazo, J. Marka, M. Terpo, F. Malaj. "Air pollution survey of Tirana and Durres areas, Albania using the moss biomonitoring technique". INTERNATIONAL ENVIRONMENTAL CONFERENCE "SUSTAINABLE DEVELOPMENT IN COASTAL AREAS", organized by University of Ioanina and BALKAN ENVIRONMENTAL ASSOCIATION in University of Ioanina, 29 June - 01 July, 2011, Greece.
42. **I. Gjikaj**, M. Vasjari, P. Lazo, J. Marka, M. Terpo, F. Malaj. "Air pollution monitoring in the city of Tirana using mosses as bioindicators". NATIONAL CHEMISTRY CONFERENCE: CHEMISTRY AND THE CURRENT DEVELOPMENT OF THE COUNTRY, OCTOBER 20, 2011, Tirana, Albania.
41. M. Terpo, P. Lazo, M. Vasjari, J. Marka, **I. Gjikaj**, F. Malaj. "Biomonitoring technique for air pollution studies in southern area of Albania", THE INTERNATIONAL CONFERENCE BIOTECHNOLOGICAL DEVELOPMENTS, 20-21 November 2011, Tirana, Albania.
40. **I. Gjikaj**, A. Çullaj. "Assessment of the quality of chemical analyses of cement", NATIONAL CONFERENCE "ADVANCED STUDIES IN MATHEMATICAL, PHYSICAL, AND CHEMICAL ENGINEERING". 28 October 2011, Tirana, Albania.
39. E. Dindi, **R. Totoni**, A. Shehu. *Maps of groundwater vulnerability as a filter of rational and contemporary management of the territory (Case Study: Vjosa-Shushica Area)*. INTERNATIONAL GEO-SCIENCE CONFERENCE "GEOALB 2011", 27-30 September 2011, Tirana, Albania.

38. **R. Totoni.** *Water sampling procedures for determining metal traces using Flame Atomic Absorption Spectroscopy (FAAS).* NATIONAL CONFERENCE "ADVANCED STUDIES IN MATHEMATICAL, PHYSICAL, AND CHEMICAL ENGINEERING". 28 October 2011, Tirana, Albania.
37. **D. Karaj,** M. Vasjari, P. Laze, A. Merkoçi. *Use of screen-printed for determination of Cd with voltammetry methods with anodic stripping (SWV and DPV).* NATIONAL CONFERENCE "ADVANCED STUDIES IN MATHEMATICAL, PHYSICAL, AND CHEMICAL ENGINEERING". 28 October 2011, Tirana, Albania.
36. **D. Karaj,** M. Vasjari, P. Laze, A. Merkoçi. *Determination of Cu with voltammetry methods SWV, with anodic stripping using screen-printed electrodes SPE in real samples.* NATIONAL CONFERENCE "ADVANCED STUDIES IN MATHEMATICAL, PHYSICAL, AND CHEMICAL ENGINEERING". 28 October 2011, Tirana, Albania.
35. **V. Hoxha,** K. Vaso, **D. Karaj.** *Arsenic precipitation with chemical methods from Arsenic solution of the nitrogen fertilizers' plant at Fier.* THE 5TH INTERNATIONAL ANNUAL MEETING OF THE ALB-SCIENCE INSTITUTE TIRANA, 2–5 September 2010, Tirana, Albania.
34. A. Devolli, **E. Noçka (Karroçi),** N. Hila. *Environmental impact of a brewery.* 2nd INTERNATIONAL SCIENTIFIC CONFERENCE "ECONOMIC POLICY AND EU INTEGRATION", Tirana 2010, Albania.
33. **E. Noçka (Karroçi),** **V. Hoxha,** A. Devolli. *Control of several physicochemical parameters of surface waters.* INTERNATIONAL SYMPOSIUM ON THE DEVELOPMENT OF THE ALBANIAN MARITIME SYSTEM AND EUROPEAN UNION EXPERIENCE, Tirana 2010, Albania.
32. A. Devolli, **E. Noçka (Karroçi),** N. Hila. *Microbiological quality of the Albanian coastline.* INTERNATIONAL SYMPOSIUM ON THE DEVELOPMENT OF THE ALBANIAN MARITIME SYSTEM AND EUROPEAN UNION EXPERIENCE, Tirana 2010, Albania.
31. K. Vaso, **V. Hoxha.** "Galic acid production from tanning extracts of *Rhus coriaria l.* and *cotinus coggyria scop*". INTERNATIONAL BIODIVERSITY SYMPOSIUM: "CONSERVATION AND SUSTAINABLE USE - A KEY FACTOR FOR RURAL DEVELOPMENT", 22 October 2010, Tirana, Albania.
30. **V. Hoxha,** K. Vaso, **D. Karaj.** "The Precipitation of Arsenic with chemical methods from Arsenical Solutions in the Chemical Fertilizers Plant – Fier". THE 5TH INTERNATIONAL ANNUAL MEETING OF THE ALB-SCIENCE INSTITUTE TIRANA, 2–5 September 2010, Tirana, Albania.
29. **R. Totoni (Lilo).** *An overview of economic values of Protected Areas in Albania and identification of key factors for their economic development.* INTERNATIONAL SCIENTIFIC CONFERENCE ON: "SOUTH EASTERN PART OF ALBANIA FOR THE POSSIBILITIES & CHALLENGES OF ALBANIAN AND WESTERN BALKAN

- COUNTRIES TOWARDS THE INTEGRATION PROCESS”. 29-30 October 2010, Korçë, Albania.
28. **R. Totoni (Lilo)**. *Evaluation of Coastal Dynamics in Lezha Drini River Bay (Kune-Vain Coastline)*. 4TH INTERNATIONAL SYMPOSIUM OF ECOLOGISTS OF MONTENEGRO. 6-10 October 2010, Budva. Montenegro.
 27. **R. Totoni**, S. Lilo. *Environmental evaluation of alternatives for the development of Vlora Hot Spot Area*. 5TH INTERNATIONAL MEETING OF THE ALB – SCIENCE INSTITUTE / CONFERENCE OF THE ENVIRONMENT / SYMPOSIUM OF AIR POLLUTION, 2-5 September 2010. Tirana, Albania.
 26. **R. Totoni (Lilo)**, E. Mulla. *Sustainable Development of tourism in Kune-Vain Wetland System*. 2ND INTERNATIONAL SCIENTIFIC CONFERENCE “ECONOMIC POLICY AND EU INTEGRATION”, 11-13 June 2010. Durres, Albania.
 25. E. Mulla, **R. Totoni**. *Air pollution from road traffic in the touristy city of Pogradec, Albania*. 2ND INTERNATIONAL SCIENTIFIC CONFERENCE “ECONOMIC POLICY AND EU INTEGRATION”, 11-13 June 2010. Durres, ALBANIA.
 24. **R. Totoni**, E. Mulla. *Kune-Vain Costal Management – a response to human intervention and Climate Change Effects*. SIXTH INTERNATIONAL SCIENTIFIC CONFERENCE: GLOBAL CHALLENGES AND REGIONAL DEVELOPMENT, 16-17 April 2010, the “St. Clement Ohridski, University of Sofia, Bulgaria.
 23. E. Mulla, **R. Totoni**. *Educating the community by providing the adequate infrastructure for waste management*. SIXTH INTERNATIONAL SCIENTIFIC CONFERENCE: GLOBAL CHALLENGES AND REGIONAL DEVELOPMENT, 16-17 April 2010, the “St. Clement Ohridski, University of Sofia, Bulgaria.
 22. **E. Tako**, R. Kroj. “*Educating consumers to make environmentally friendly choices regarding building materials*”, 5TH INTERNATIONAL MEETING OF THE ALB – SCIENCE INSTITUTE, 2-5 September 2010. Tirana, Albania.
 21. **R. Totoni (Lilo)**. *Assessment of pollution from hydrocarbons in the territory of the Fuel Depots in the Port of Durrës*. THE FOURTH ANNUAL MEETING OF THE ALB-SHKENCA INSTITUTE "IASH-2009" ALBANIAN SCHOLARS IN THE TRENDS OF GLOBAL SCIENCE, 31.08-2.09.2009, Tetovo, FYROM.
 20. **R. Totoni (Lilo)**. *The trend of urban air pollution in Tirana from particulate matter and lead during the years 1997-2007*. THE FOURTH ANNUAL MEETING OF THE ALB-SHKENCA INSTITUTE "IASH-2009" ALBANIAN SCHOLARS IN THE TRENDS OF GLOBAL SCIENCE, 31.08-2.09.2009, Tetovo, FYROM.
 19. **E. Tako**, **E. Noçka (Karroçi)**, A. Devolli. *Characterization of polluted waters from a brewery and methods for pollution minimization*. FOURTH INTERNATIONAL ANNUAL MEETING OF “ALB-SHKENCA” INSTITUTE “IASH 2009”, 1-2 September 2009, Tetovo, FYROM.
 18. A. Devolli, N. Hila, **E. Tako**, **E. Noçka (Karroçi)**. *Microbiological control in the beer production process*. FOURTH INTERNATIONAL ANNUAL MEETING OF

“ALB-SHKENCA” INSTITUTE “IASH 2009”, 1-2 September 2009, Tetovo, FYROM.

17. **E. Baraj**, D. Prifti, R. Troja, E. Badiale Furlong. *The macrobiotic analysis of barley malt for identification of tricothecenes producing fungi*. INTERNATIONAL CONFERENCE ON BIOLOGICAL AND ENVIRONMENTAL SCIENCES, 26-28 September 2008, Tirana, Albania.
16. **E. Baraj**, D. Prifti, E. Badiale Furlong. *The influence of DON and T-2 Toxin on the enzymatic activity of barley malt*. 3RD ANNUAL MEETING OF INSTITUTE ALB-SHKENCA, 1-3 September 2008, Tirana, Albania.
15. **E. Baraj**. *Competition and Telecommunications in Albania*. “Aspects of Competitive Telecom Markets”, ITU, 1-3 October 2003, Tirana, ALBANIA.
14. **R. Totoni**, A. Cullaj. *Assessment of atmospheric pollution in Tirana from heavy metals, through the analysis of their content in solid deposits*. THE FIRST NATIONAL CONFERENCE OF CHEMISTS OF ALBANIA "CHEMISTRY, INDUSTRY, AND THE ENVIRONMENT" May 2001, Tirana, Albania.
13. **B. Dida**, T. Miura, M. Yaga, “*Characteristics of turbulent flame of methan when it is reach and not premixed with air*”, THE FIRST NATIONAL CONFERENCE OF CHEMISTS OF ALBANIA "CHEMISTRY, INDUSTRY, AND THE ENVIRONMENT" May 2001, Tirana, Albania.
12. **R. Totoni**, A. Cullaj. *Assessment of Atmospheric Pollution from Particulate Matter and Heavy metals in Urban Environment of Tirana (Albania)*. 2ND INTERNATIONAL OF THE CHEMICAL SOCIETIES OF SOUTH-EASTERN EUROPEAN COUNTRIES ON CHEMICAL SCIENCES FOR SUSTAINABLE DEVELOPMENT, June 2000, Halkidiki, Greece.
11. **E. Baraj**, E. Badiale Furlong. *Avaliação da influencia de desoxinivalenol e toxina T-2 na atividade das enzimas amilolíticas do malte através do método de superfície de resposta*. III CONGRESO LATINOAMERICANO DE MICOTOXICOLOGIA, 6-10 November 2000, Rio Cuarto, Argentina.
10. **E. Baraj**, E. Badiale Furlong, M. Padilha. *Simultaneous determination of deoxynivalenol and T-2 toxin in barley malt samples by thin layer chromatography*. X INTERNATIONAL IUPAC SYMPOSIUM ON MYCOTOXINS AND PHYCOTOXINS. 21-25 May 2000, Guarujá, BRASIL.
9. E. Badiale Furlong, **E. Baraj**, A.P. Vieira, J.A.V. Costa, A.F. Moraes. *The fate of Mycotoxins During Semi Solid Fermentation for Proteic Enrichment of Rice Bran*. X INTERNATIONAL IUPAC SYMPOSIUM ON MYCOTOXINS AND PHYCOTOXINS, 21-25 May 2000, Guarujá, Brasil.
8. **E.K. Baraj**, M.E. Padilha, E. Badiale Furlong. *Determinação simultânea de desoxinivalenol e toxina T-2 em cevada e seus derivados*. III LATIN-AMERICAN SYMPOSIUM OF FOOD SCIENCE – EDUCATION, RESEARCH AND DEVELOPMENT, 16-19 November 1999, Centro de Convenções da UNICAMP, Campinas, SP, Brazil.

7. E. Badiale Furlong, J.A.V. Costa, E.A.F. Moraes, A.P. Vieira, **E.K. Baraj**. *Micotoxinas x fermentação semi sólida para enriquecimento protéico de farelo de arroz*. III LATIN-AMERICAN SYMPOSIUM OF FOOD SCIENCE – EDUCATION, RESEARCH AND DEVELOPMENT, 16-19 November 1999, Centro de Convenções da UNICAMP, Campinas, SP, Brazil.
6. **E. Baraj**, E. Badiale Furlong. *Simultaneous determination of deoxynivalenol and T-2 toxin by thin layer chromatography*. III SYMPOSIUM AND EXHIBITION OF LATIN-AMERICAN AND CARIBBEAN SECTION OF AOAC INTERNATIONAL, 1-5 August 1999. Santiago, Kili.
5. **B. Dida**, T. Miura, T. Furuhashi, N. Arai, “*Chemical Kinetic Modeling of Fuel-Rich Methane Laminar Premixed Flames*”, THE 36TH JAPANESE SYMPOSIUM ON COMBUSTION, Tokyo, Japan (1998).
4. **B. Dida**, T. Miura, T. Furuhashi, M. Yaga, “*Burning characteristics of Fuel-Rich Methane Laminar Premixed Flames*”, THE 36TH JAPANESE SOCIETY OF COMBUSTION, Tokyo, Japan (1998).
3. **B. Dida**, Sh. Tanno, T. Miura, T. Furuhashi, T. Miyazaki, N. Kobayashi, N. Arai, “*Combustion characteristics of pressurized methane-air combustor for chemical gas turbine system*”, THE ELEVENTH INTERNATIONAL HEAT TRANSFER CONFERENCE. August, 23-28, 1998, Kyongju, Korea.
2. **B. Dida**, T. Miura, T. Furuhashi, M. Yaga, “*Burning characteristics of unmixed laminar fuel rich methane-air flame*”. THE 35TH JAPANESE SYMPOSIUM ON COMBUSTION, Tokyo, Japan (1997).
1. M.E. Torrero, **E. Baraj**, I. Casas, J. Gimenez, J. De Pablo. *Influence of pH, oxygen partial pressure and bicarbonate concentration on the kinetics of dissolution of uranium oxide. Migration’ 95: FIFTH INTERNATIONAL CONFERENCE ON CHEMISTRY AND MIGRATION BEHAVIOUR OF ACTINIDES AND FISSION PRODUCTS IN GEOSPHERE*, 10-15 September 1995, Saint Malo, France.

BOTIME NË PROCEEDINGS TË KONFERENCAVE-PAPERS

PUBLISHED IN PROCEEDINGS OF CONFERENCES

70. **R. Lilo, E. Baraj, E. Tako**. *An investigation over PM10 and TSP pollution in urban air of Tirana City*. PROCEEDINGS OF THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, ICEAS 2022, 17-18 November 2022, Tirana, ALBANIA. pp. 185-191. ISBN 978-9928-370-20-4.
69. R. Sadikaj, D. Arapi, **E. Baraj**, E. Spaho. *The effects of the usage of mechanical equipment of feeding above the scale of its consumption and above the indicators of growth of the trout *Oncorhynchus mykiss* in intensive cultivation plants*. PROCEEDINGS OF THE 53rd CROATIAN & 13th INTERNATIONAL SYMPOSIUM ON AGRICULTURE, 18-20 February 2018, Vodice, CROATIA, 410-413. ISBN 2459-5543.

68. **R. Totoni, E. Baraj**, V. Gjeca, G. Fusha. *Study of PM_{2.5} and PM₁₀ Mass Concentration in Korça City*, PROCEEDINGS OF THE 12TH ANNUAL INTERNATIONAL SYMPOSIUM ON ENVIRONMENT, 22-25 May 2017, Athens, GREECE. ATINER'S Conference Paper Series, No : ENV 2017-2302.
67. **R. Totoni, E. Baraj**, F. Hila, V. Gjeca. Determination of water quality index (WQI) for evaluation of water quality and pollution status of Erzeni and Ishmi river. PROCEEDINGS OF THE 5th INTERNATIONAL CONFERENCE OF ECOSYSTEMS, 5-8 June 2015, Tirana, ALBANIA. pp. 617-621. ISBN: 978-9928-4248-4-6
66. **E. Baraj, R. Lilo**, R Allabashi, **E. Tako**. *Comparison between BOD and Oxygen Depletion on quantitative determination of organic pollution in Erzeni river*. PROCEEDINGS OF THE X-th INTERNATIONAL SYMPOSIUM ON BIODIVERSITY, CONSERVATION AND SUSTAINABLE USE FOR RURAL DEVELOPMENT, December 10-12, 2014 Tirana, Albania. BLEKALB Foundation, Edit: "Westprint" pp. 98-101, ISBN: 9789928407092.
65. **E. Baraj, R. Totoni**. *Trichothecene mycotoxins and legislation for their control in Albania*. PROCEEDINGS OF THE 1ST INTERNATIONAL CONFERENCE ON RESEARCH AND EDUCATION CHALLENGES TOWARDS THE FUTURE (ICRAE-2013) 24-25 May 2013, Shkodër, ALBANIA. pp. 1-10. ISSN: 2308-0825.
64. **R. Totoni, E. Baraj**. *Study of PM₁₀, levels in urban air of Tirana (Vasil Shanto Cross-Road) and statistical analysis of data collected*. PROCEEDINGS OF THE 1ST INTERNATIONAL CONFERENCE ON RESEARCH AND EDUCATION CHALLENGES TOWARDS THE FUTURE (ICRAE-2013) 24-25 May 2013, Shkodër, ALBANIA. pp. 1-8. ISSN: 2308-0825.
63. E. Mulla, **R. Totoni**. *Educating the community by providing the adequate infrastructure for waste management*. PROCEEDINGS OF THE SIXTH INTERNATIONAL SCIENTIFIC CONFERENCE: GLOBAL CHALLENGES AND REGIONAL DEVELOPMENT, 16-17 April 2010, the "St. Clement Ohridski, University of Sofia, BULGARIA. pp. 391-396. ISBN 978-954-07-3200-8
62. **R. Totoni**, E. Mulla. *Kune-Vain Costal Management – a response to human intervention and Climate Change Effects*. PROCEEDINGS OF THE SIXTH INTERNATIONAL SCIENTIFIC CONFERENCE: GLOBAL CHALLENGES AND REGIONAL DEVELOPMENT, 16-17 April 2010, the "St. Clement Ohridski, University of Sofia, BULGARIA. pp. 386-390. ISBN 978-954-07-3200-8
61. E. Mulla, **R. Totoni**. *Air pollution from road traffic in the touristy city of Pogradec, Albania*. PROCEEDINGS OF THE 2ND INTERNATIONAL SCIENTIFIC CONFERENCE "ECONOMIC POLICY AND EU INTEGRATION", 11-13 June 2010. Durrës, ALBANIA. pp. 96-97. ISBN 978-99956-818-7-6.
60. **R. Totoni (Lilo)**. *An overview of economic values of Protected Areas in Albania and identification of key factors for their economic development*. PROCEEDINGS OF THE INTERNATIONAL SCIENTIFIC CONFERENCE ON: "SOUTH EASTERN PART OF ALBANIA FOR THE POSSIBILITIES & CHALLENGES OF ALBANIAN

AND WESTERN BALKAN COUNTRIES TOWARDS THE INTEGRATION PROCESS". 29-30 October 2010, Korce ALBANIA. PROCEEDINGS JOURNAL, Vol. 1, 154 – 162. ISBN 978-99956-98-13-3.

59. S. Lilo, **R. Totoni**. *Development of the Environmental Code of Conduct in Dajti National Park*. PROCEEDINGS OF THE 1ST INTERNATIONAL CONFERENCE ON RESEARCH AND EDUCATION CHALLENGES TOWARDS THE FUTURE (ICRAE- 2013) 24-25 May 2013, Shkodër, ALBANIA. Papers V1.ISSN: 2308-0825
58. **L. Prifti, R. Totoni (Lilo)**, "Study of oil industry pollution effects in a human health case". PROCEEDINGS OF MEDICAL GEOGRAPHY SYMPOSIUM "TRADITIONS AND MODERNITY IN MEDICAL GEOGRAPHY AND DISASTER MEDICINE" 25-26 October 2012, Sofia, BULGARIA.pp. 96-99. ISSN:1314-5096.
57. **R. Totoni, L. Prifti**, S. Lilo. *Comparative assessment of air quality in two Albanian cities*. PROCEEDINGS OF THE MEDICAL GEOGRAPHY SYMPOSIUM "TRADITIONS AND MODERNITY IN MEDICAL GEOGRAPHY AND DISASTER MEDICINE" 25-26 October 2012, Sofia, BULGARIA. pp. 54-61. ISSN: 1314-5096
56. **D. Salillari (Kaçorri), R. Totoni (Lilo), L. Prifti** "Multinomial Logistic Regression to Estimate the Public Perception of Air Pollution and its Impact on Health: A Case Study in Tirana" PROCEEDINGS OF 2nd INTERNATIONAL CONFERENCE ON RECENT ACADEMIC STUDIES, October 19-20, 2023: Konya, Turkey. Vol. 2, pp.332-337. ISBN: 978-625-6530-66-9.
55. **E. Baraj**, D. Prifti, R. Troja, E. Badiale Furlong. *The macrobiotic analysis of barley malt for identification of tricothecenes producing fungi*. PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON BIOLOGICAL AND ENVIRONMENTAL SCIENCES, 26-28 September 2008, Tirana, ALBANIA. pp. 65-68. ISBN: 9789995605858, 9995605856.
54. **B. Dida**, *Numerical approach and experiments to model the turbulent rich methane air flames*, PROCEEDINGS OF THE NATIONAL CONFERENCE ON "ADVANCED STUDIES IN MATHEMATICAL, PHYSICAL, AND CHEMICAL ENGINEERING", October 28, 2011, Tirana, Albania, pp. 17-22. ISBN: 978-9928-4063-6-1
53. **B. Dida**, "Reduced kinetics for modeling the methane-air flame in laminar and atmospheric conditions", PROCEEDINGS OF THE NATIONAL CONFERENCE ON "ADVANCED STUDIES IN MATHEMATICAL, PHYSICAL, AND CHEMICAL ENGINEERING", October 28, 2011, Tirana, Albania, pp. 23-28. ISBN: 978-9928-4063-6-1.
52. **B. Dida**, T. Miura, M. Yaga, "Characteristics of turbulent flame of methane when it is rich and not premixed with air", PROCEEDINGS OF THE FIRST NATIONAL CONFERENCE OF CHEMISTS OF ALBANIA "CHEMISTRY, INDUSTRY, AND THE ENVIRONMENT" May 2001, Tirana, Albania, pp. 74-77.
51. **D. Karaj, E. Tako**. *Determination of Physical-Chemical Parameters and WQI Variations in Water of Kashar Lake*. PROCEEDINGS OF THE 5th INTERNATIONAL CONFERENCE ON NATURAL AND ENGINEERING

SCIENCES. 27-30 August 2019, Istanbul, Turkey. pp. 72-75. E-ISBN: 978- 605-69803-7-4.

50. **D. Karaj**, A. Mele, V. Gurazi, E. Mehmeti. *The apparent solubility of carotenoids (lycopene and β -carotene) in near critical carbon dioxide*. PROCEEDINGS OF THE 54th CROATION & 14th INTERNATIONAL SYMPOSIUM ON AGRICULTURE. 17-22 February 2019, Vodice, Croatia. pp. 268-272. ISSN 2459-5543.
49. **D. Karaj**, A. Mele, E. Mehmeti, E. Prifti, V. Gurazi. *High pressure soxhlet extraction process by carbon dioxide under its liquid-vapour equilibrium conditions of carotenoids*. PROCEEDINGS OF THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania. SPECIAL NUMBER OF THE BULLETIN OF TECHNICAL SCIENCES (UPT), pp. 35-41. ISSN 05 62 B 945.
48. **D. Karaj**, A. Mele, S. Abazi, E. Mehmeti. *The Liquid CO₂ extraction of Lycopene and β -Carotene from tomato*. PROCEEDINGS OF THE 6-th INTERNACIONAL SYMPOSIUM ON THE HIGH PRESSURE ON TECHNOLOGY, 8-11 September 2013. Belgrade, Serbia. pp. 247-251.
47. **B. Dida**, "PET remaining and possible ricycle processes to be applied in Albania", PROCEEDINGS OF THE VII ANUAL INTERNATIONAL MEETING OF ENVIRONMENTAL SCIENCES, Skopje, Macedonia 2012, pp. 45-48.
46. E. Mulla, **B. Dida**, "Assesment of electronic remaining in Albania", PROCEEDINGS OF THE VII ANUAL INTERNATIONAL MEETING OF ENVIRONMENTAL SCIENCES, Skopje, Macedonia 2012. pp. 49 – 52.
45. **V. Hoxha, A. Jano**, K. Vaso, E. Poro. "Evaluation of Nutrients and Heavy Metals in the Waters of Seman Basin". PROCEEDINGS OF THE 10TH WORLD CONGRESS ON MECHANICAL, CHEMICAL, AND MATERIAL ENGINEERING (MCM'24), August 22-24, 2024, Barcelona, Spain. Paper No. ICCPE 101 DOI: 10.11159/iccpe24.101
44. I. Pasho, K. Vaso, L. Dardha, E. Mehmeti, **V. Hoxha**. "Detection and Analysis of Nitroimidazole Residues in Albanian Honey: Implications for Food Safety and Regulatory Oversight". PROCEEDINGS OF THE 4TH INTERNATIONAL CONFERENCE ON INNOVATIVE ACADEMIC STUDIES (ICIAS) 12- 13 March 2024, Konya, Turkey. pp. 1391-1401. ISBN: 978-625-6530-93-5.
43. **V. Hoxha**, A. Jano, K. Vaso, E. Poro. "Determination of physico-chemical parameters in the Seman Basin waters, in the Fieri city". PROCEEDINGS OF THE 8TH INTERNATIONAL CONFERENCE ON CHEMICAL AND POLYMER ENGINEERING (ICCPE'22), July 31-August 02, 2022, Prague, Czech Republic. Paper No. ICCPE 117 DOI: 10.11159/iccpe22.117. ISBN: 978-1-990800-10-8 | ISSN: 2369-8136
42. **V. Hoxha**, A. Jano, K. Vaso, E. Poro. "Determination of different forms of phosphorus in water of the wastewater treatment plant in Durres, before and after treatment". PROCEEDINGS OF THE 8TH INTERNATIONAL CONFERENCE ON

CHEMICAL AND POLYMER ENGINEERING (ICCPE'22), July 31-August 02, 2022, Prague, Czech Republic. Paper No. ICCPE 116 DOI: 10.11159/iccpe22.116. ISBN: 978-1-990800-10-8 | ISSN: 2369-8136.

41. **V. Hoxha, A. Jano**, K. Vaso, A. Nuro, E. Poro. “*The Determination of Some Organic Pollutants in the Waters of the Seman Basin.*” PROCEEDINGS OF THE 7TH WORLD CONGRESS ON MECHANICAL, CHEMICAL, AND MATERIAL ENGINEERING (ICCPE 21), August 02 -04, 2021, Prague, Czech Republic. Paper No. ICCPE 111 DOI: 10.11159/iccpe21.111. ISBN: 978-1-927877-93-7|ISSN: 2369-8136.
40. **A. Jano**, A. Lame, E. Kokalari, **V. Hoxha**. “*Comparison of Corrosion Protection Efficiency of Two Kinds of Amino Acids.*” PROCEEDINGS OF THE 7TH WORLD CONGRESS ON MECHANICAL, CHEMICAL, AND MATERIAL ENGINEERING (MCM'21), August 02 -04, 2021, Prague, Czech Republic. Paper No. iccpe 109 DOI: 10.11159/iccpe21.109. ISBN: 978-1-927877-93-7 | ISSN: 2369-8136.
39. **A. Jano, V. Hoxha**, A. Lame, E. Kokalari. “*Effects of Migrating Inhibitors on Corrosion of Reinforcing Steel in Aggressive Environment*”. THE 7TH WORLD CONGRESS ON MECHANICAL, CHEMICAL, AND MATERIAL ENGINEERING (MCM'21), August 02-04, 2021, Prague, Czech Republic. Paper No. ICCPE 110 DOI: 10.11159/iccpe21.110. ISBN: 978-1-927877-93-7 | ISSN: 2369-8136.
38. **A. Jano, V. Hoxha**, A. Lame, E. Kokalari. “*Using Inhibitors for Preventions of Corrosion “Cancer” of Reinforced Concrete Constructions*”. PROCEEDINGS OF THE 6TH WORLD CONGRESS ON MECHANICAL, CHEMICAL, AND MATERIAL ENGINEERING (MCM'20), August 16 -18, 2020, Prague, Czech Republic. Paper No. ICCPE 121 DOI: 10.11159/iccpe20.121. ISBN:978-1-927877-61-6. ISSN:2369-8136.
37. **A. Jano**, A. Lame, E. Kokalari. “*Pineapple Crown Extract as Green Inhibitor for Steel 39 in Acidic Media.*” THE 8TH INTERNATIONAL CONFERENCE ON CHEMICAL AND POLYMER ENGINEERING (ICCPE'22), July 31 -August 02, 2022, Prague, Czech Republic. Paper No. ICCPE 114 DOI: 10.11159/iccpe22.114. ISBN: 978-1-990800-10-8 | ISSN: 2369-8136.
36. **A. Jano**, A. Lame, E. Kokalari. “*The Inhibition Efficiency of Pineapple Crown Extract for Iron B500 in H₂SO₄ and Hcl Media.*” PROCEEDINGS OF THE 8TH INTERNATIONAL CONFERENCE ON CHEMICAL AND POLYMER ENGINEERING (ICCPE'22), July 31-August 02, 2022, Prague, Czech Republic. Paper No. ICCPE 113 DOI: 10.11159/iccpe22.113. ISBN: 978-1-990800-10-8 | ISSN: 2369-8136
35. A. Sadiku, **A. Jano, Z. Gace**, A. Lame, E. Kokalari. “*Study of Corrosion Protection of Steel Rebars in Concrete by Sacrificial Anodes of Zn-Al-In Alloys and By Green Inhibitor Locust Bean Gum*”, PROCEEDINGS OF THE EUROCORR, 6-10 SEPTEMBER 2015, Graz, Austria. ISBN: 978-1-5108-3737-9, Vol. 1 of 3.
34. E. Kokalari, A. Andoni, A. Lame, **A. Jano**. “*The Extraction Of Amino Acids From Soybean In Order To Be Use As Corrosion Inhibitor*”, PROCEEDINGS OF THE 3rd

INTERNATIONAL CONFERENCE OF ECOSYSTEMS, May 31 - June 5, 2013, Tirana, ALBANIA. Paper-061, pp. 202-205. ISBN: 978-9928-4068-7-3.

33. E. Çomo, A. Hasimi, **E. Tako**, B. Murtaç, A. Nuro. “*Characteristics of the spatial distribution of pollutants in the Shkumbin River, using the Inverse Distance Weighting Method*”. PROCEEDINGS OF THE 1st INTERNATIONAL CONFERENCE ON RECENT ACADEMIC STUDIES May 2–4, 2023: Konya, Turkey. INTERNATIONAL CONFERENCE ON RECENT ACADEMIC STUDIES, 1(1), 199–203. ISBN: 978-625-6530-66-9
32. E. Çomo, A. Hasimi, E. Kiri, **E. Tako**, A. Shatro. “*Hydrochemical Assessment of the Aquifer of Thermal Waters in Llixha, Elbasan, Using Stiff Diagram*”, PROCEEDINGS OF THE 16th INTERNATIONAL CONFERENCE ON METEOROLOGY, CLIMATOLOGY AND ATMOSPHERIC PHYSICS – COMECAP2023, 25-29 September 2023, Athens, Greece. ENVIRONMENTAL SCIENCES PROCEEDINGS 2023, 26(1), 167. EISSN 2673-4931.
31. **E. Tako**, F. Shehu. “*A general description of Albanian Tar Sands and Natural Bitumen*”. PROCEEDINGS OF THE 5th INTERNATIONAL CONFERENCE ON NATURAL AND ENGINEERING SCIENCES. 27-30 August 2019, Istanbul, Turkey. pp. 147-151. E-ISBN: 978-605-69803-7-4.
30. **D. Karaj**, A. Damoni, A. Berisha, F. Capitelli, A. Moliterni, A. Altomare, F. Baldassare, **B. Dida**, D. Siliqi. *New carbazole-substituted imine structures: syntheses and XRD analysis*. PROCEEDINGS OF THE 24th CONGRESS AND GENERAL ASSEMBLY OF THE INTERNATIONAL UNION OF CRYSTALLOGRAPHY, 21-28 August 2017, Hyderabad, India. Acta Crystallographica (Foundations and Advances) A73, C944. ISSN: 2053-2733, doi.org/10.1107/S2053273317086302
29. **E. Tako**, A. Hasimi, B. Papajani *Evaluation of cadmium removal using Prrenjas montmorillonite clay*. PROCEEDINGS OF THE 6th INTERNATIONAL CONFERENCE OF ECOSYSTEM 03-06 June 2016, Tirane, Albania. pp. 528-537 ISBN: 978-9928-4248-5-3.
28. **E. Tako**, A. Mele “*Determination of Optimal Conditions for The adsorption of Lead from Prrenjas Montmorillonite Clay*”, PROCEEDINGS OF THE 4th INTERNATIONAL CONFERENCE OF ECOSYSTEMS (ICE 2014). May 23- 26, 2014, Tirana, Albania. pp 583-588. ISBN: 978-9928-4248-1-5.
27. **E. Tako**, “*Co-adsorption of Pb (II) and Cd (II) ions from aqueous solutions on MMT Prrenjas clay*”. PROCEEDINGS OF THE 2th INTERNATIONAL SCIENTIFIC CONFERENCE BRIDGE 09-10 November 2023, Prizren, Kosovo. pp. 108-112, ISBN 978-9951-510-31-8.
26. **V. Hoxha**, A. Nuro, K. Vaso, **E. Tako**. “*Determination of Some Volatile Organic Compounds Through Bio Indicators Using GC/FID Technique in Tirana City*”. PROCEEDINGS OF THE 5th INTERNATIONAL CONFERENCE OF ECOSYSTEMS, 5-8 June 2015, Tirana Albania. Nr.033, pp.90–99. ISBN:978-9928-4248-4-6.

25. E. Noçka, **I. Gjikaj**, I. Prifti. "Application of Pyrolytic and Gas Chromatographic Determinations in Fortuzaj-2 Borehole", PROCEEDINGS OF THE 3RD INTERNATIONAL CONFERENCE ON APPLIED SCIENCES AND ENGINEERING, November 17-18, 2022, Tirane, Albania. pp. 101-113. ISBN 9789928370204.
24. **I. Gjikaj**, M. Vasjari, M. Terpo. "Biomonitoring of urban air pollution of Tirana using the moss bag technique". PROCEEDINGS OF THE 5th INTERNATIONAL CONFERENCE OF ECOSYSTEMS, 5-8 June, 2015 Tirana, ALBANIA. pp. 179-182. ISBN: 978-9928-4248-3-9.
23. **I. Gjikaj**, M. Vasjari, M. Terpo. "Geochemical normalization method in biomonitoring of heavy metal air pollution". PROCEEDINGS OF THE 5th INTERNATIONAL CONFERENCE OF ECOSYSTEMS, 5-8 June, 2015 Tirana, ALBANIA. pp. 183-187. ISBN: 978-9928-4248-3-9.
22. **I. Gjikaj**, M. Vasjari, M. Terpo. "Biomonitoring of arsenic air pollution". 5th INTERNATIONAL CONFERENCE OF ECOSYSTEMS, 5-8 June, 2015 Tirana, ALBANIA. pp. 168-173. ISBN: 978-9928-4248-3-9.
21. **E. Noçka**, **I. Gjikaj**, A. Devolli. "Calibration curves and analytical areas of measurement for a wide area of the anionic detergent concentrations". PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN TECHNOLOGY, SCIENCE AND UPCOMING RESEARCH IN COMPUTER SCIENCE DAVIM, 25th April 2015, Faridabad, India. pp. 477-479. ISBN: 978-81-931039-3-7.
20. **E. Noçka**, **I. Gjikaj**, **D. Karaj**. "Volumetric method of determining anionic detergent (AD) in surface water samples". PROCEEDINGS OF THE 5th INTERNATIONAL CONFERENCE OF ECOSYSTEMS, 5-8 June, 2015 Tirana, ALBANIA. pp. 58-60. ISBN: 978-9928-4248-3-9.
19. **I. Gjikaj**, M. Vasjari, P. Lazo, J. Marka, M. Terpo, F. Malaj. "Air pollution survey of Tirana, Albania using the moss bag biomonitoring technique". PROCEEDINGS OF THE INTERNATIONAL CONFERENCE OF ECOSYSTEMS (ICE_2011), June 4-6, 2011 Tirana, Albania. EUROPEAN ACADEMIC RESEARCH Vol. III, Issue 2/ May 2015, 1609-1627. ISSN 2286-4822.
18. **I. Gjikaj**, M. Vasjari, P. Lazo, J. Marka, M. Terpo, F. Malaj. "Air pollution monitoring in the city of Tirana using mosses as bioindicators". PROCEEDINGS OF THE NATIONAL CHEMISTRY CONFERENCE: CHEMISTRY AND THE CURRENT DEVELOPMENT OF THE COUNTRY, October 20, 2011, Tirana, Albania. pp. 260-264. ISBN 978-99956-10-41-8.
17. M. Terpo, P. Lazo, M. Vasjari, J. Marka, **I. Gjikaj**, F. Malaj. "Biomonitoring technique for air pollution studies in southern area of Albania", PROCEEDINGS OF THE INTERNATIONAL CONFERENCE BIOTECHNOLOGICAL DEVELOPMENTS, 20-21 November 2011, Tirana, Albania. BULLETIN OF NATURAL SCIENCES (SPECIAL ISSUE), 338-345, ISSN: 224-1779.

16. **B. Dida**, D. Siliqi, A. Berisha, **D. Karaj**, M. Zema, *The road to Association of Albanian Crystallographers*, PROCEEDINGS OF THE 24TH CONGRESS AND GENERAL ASSEMBLY OF THE INTERNATIONAL UNION OF CRYSTALLOGRAPHY, 21-28 August 2017, Hyderabad, India. ACTA CRYSTALLOGRAPHICA (2017). A73, C1397, ISSN: 253-2733. doi.org/10.1107/S2053273317081797.
15. **B. Dida**, T. Miura, T. Furuhata, *Modeling the Chemistry of Methane Combustion in Gas-Chemical Turbine*, PROCEEDINGS OF THE 2ND INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania. SPECIAL NUMBER OF THE BULLETIN OF TECHNICAL SCIENCES (UPT), pp. 27-34. ISSN 05 62 B 945.
14. F. Capiteli, **B. Dida**, G. Della Ventura, F. Baldassare, D. Capiteli, G. S. Sensi, A. Mele, D. Siliqi, *Functional Nano-Hydroxyapatite for Applications in Conservation of Stony Monuments of Cultural Heritage*", PROCEEDINGS OF THE 2ND INTERNATIONAL ONLINE CONFERENCE ON CRYSTALS (IOCC 2020), 10–20 November 2020. PROCEEDINGS 2020, 62(1), 11; ISSN: 2504-3900
13. **B. Dida**, F. Baldassare, D. Karaj, A. Hasimi, A. Altomare, R. Rizzi, N. Corriero, D. Siliqi, *Preparation and Characterization of Hydroxyda of Alkaline Earth materials nanoparticle dispersions for Cultural Heritage Application*", PROCEEDINGS OF THE FIFTH MEETING OF THE ITALIAN (AIC) AND SPANISH CRYSTALLOGRAPHIC (GE3C) ASSOCIATIONS (MISCA V), 4-7 September 2019, Naples, Italy. pp. 95, ISBN: 978-88-8080-359-1.
12. T. Furuhata, N. Arai, **B. Dida**, T. Miura. *Chemical Kinetic Modeling of Fuel-Rich Methane Laminar Premixed Flames*", PROCEEDINGS OF THE 36TH JAPANESE SOCIETY OF COMBUSTION, pp. 332-334, Tokyo, Japan (1998).
11. **B. Dida**, T. Miura, T. Furuhata, M. Yaga, *Burning characteristics of Fuel-Rich Methane Laminar Premixed Flames*", PROCEEDINGS OF THE 36TH JAPANESE SOCIETY OF COMBUSTION, pp. 223 – 225, Sapporo, Japan (1998).
10. N. Arai, **B. Dida**, T. Shano, T. Miura, T. Furuhata, T. Miyazaki, N. Kobayashi, *Combustion characteristics of pressurized methane-air combustor for chemical gas turbine system*", PROCEEDINGS OF THE ELEVENTH INTERNATIONAL HEAT TRANSFER CONFERENCE. August, 23-28, 1998, Kyongju, Korea, Vol. 37(1998), 283-288. DOI: 10.1615/IHTC11.4250 ISSN Online: 2377-424X. ISBN Print:1-56032-797-9.
9. T. Furuhata, M. Yaga, **B. Dida**, T. Miura, *Burning characteristics of unmixed laminar fuel rich methane-air flame*". PROCEEDINGS OF THE 35TH JAPANESE SYMPOSIUM ON COMBUSTION, Tokyo, Japan (1997). pp. 127-129, Tokyo, Japan.
8. **E. Noçka**, I. Prifti, *Options on geochemical properties of oils and gases in Patos-Marine Region, Albania*. PROCEEDINGS OF THE SIXTEENTH INTERNATIONAL CONFERENCE ON: SOCIAL AND NATURAL SCIENCE–GLOBAL CHALLENGE. 22 September 2021, Vienna, Austria. pp. 13-17. ISBN 9789928259147

7. J. Marku, **E. Noçka**. *The characterization of the streams leaving separator in cement production*. PROCEEDINGS OF THE INTERNATIONAL CONFERENCE XIV YUCORR EXCHANGING EXPERIENCES IN THE FIELDS OF CORROSION, MATERIALS AND ENVIRONMENTAL PROTECTION. 17-20 April 2012, Serbia. pp. 65-66. ISBN: 9788682343165.
6. A. Devolli, N. Hila, A. Kodra, **E. Noçka (Karroçi)**. *Rules of hygiene and sanitary in the environments of beer factory*. PROCEEDINGS OF THE 3RD INTERNATIONAL SCIENTIFIC CONFERENCE “ECONOMIC POLICY AND EU INTEGRATION. Tirana, 2011. pp. 201-218. ISBN 978-9928-105-40-0.
5. L. Lici, **E. Noçka**. “*Physico-Chemical Characterization of the Natural Water From the Vrizi-s Souce*”. PROCEEDINGS OF THE WESTERN BALKAN CONFERENCE, 3-4 October 2018, Tirana Albania. pp. 360-365. ISBN 978-9928-07-599-4.
4. K. Vaso, **V. Hoxha, E. Noçka (Karroçi)**. *Monitoring of usage of ozone-depleting substances, a summary of the actual situation in Albania*. PROCEEDINGS OF THE 2ND THE INTERNATIONAL CONGRESS “ENGINEERING, ECOLOGY AND MATERIALS IN THE PROCESSING INDUSTRY”. 9-11 March 2011, East Sarajevo. pp. 1043-1049. ISBN 978-99955-81-01-5.
3. A. Devolli, **E. Noçka (Karroçi)**, N. Hila. *Environmental impact of a brewery*. PROCEEDINGS OF THE 2ND INTERNATIONAL SCIENTIFIC CONFERENCE “ECONOMIC POLICY AND EU INTEGRATION”. Tirana, 2010. ISBN 9789995681876.
2. **E. Noçka (Karroçi)**, **V. Hoxha**, A. Devolli. *Control of several physicochemical parameters of surface waters*. PROCEEDINGS OF THE INTERNATIONAL SYMPOSIUM ON THE DEVELOPMENT OF THE ALBANIAN MARITIME SYSTEM AND EUROPEAN UNION EXPERIENCE, Tirana 2010, Albania. pp. 178-189. ISBN 9781609850012.
1. A. Devolli, **E. Noçka (Karroçi)**, N. Hila. *Microbiological quality of the Albanian coastline*. PROCEEDINGS OF THE INTERNATIONAL SYMPOSIUM ON THE DEVELOPMENT OF THE ALBANIAN MARITIME SYSTEM AND EUROPEAN UNION EXPERIENCE, Tirana 2010, Albania. pp. 147-156. ISBN 9781609850012

MONOGRAFI/MONOGRAPHY

- **B. Dida**, D. Siliqi, F. Baldassare, **D. Karaj**, A. Hasimi, V. Kasemi, V. Nika, I. Vozga, “*Nanomaterials application for Cultural Heritage*”, publication for the project financed by AKKSHI, 2020, ISBN:978-99943-2-468-2.
- **B. Dida**, *Modeling and numerical simulation of turbulent rich methane-air flame and application to chemical gas turbine*, Tohoku University Repository, 11/1998, Sendai, Japan, T1H102323.

- **B. Dida**, *Studim mbi mundësinë e transformimit të kontaktit të njëfishtë në të dyfishtë për rritjen e shkallës së shfrytëzimit të gazit SO₂ dhe mbrojtjen e mjedisit*, SHBLU, 9/1991, Tiranë.

BORDE EDITORIAL PERIODIKËSH SHKENCORE/ EDITORIAL BOARD PEER-REVIEW JOURNALS

V. Hoxha

Member of Editorial Board of the “INTERNATIONAL JOURNAL OF ENVIRONMENTAL MONITORING AND ANALYSIS” (IJEMA); ISSN Print: 2328-7659; ISSN Online: 2328-766. (April 2020 - July 2024).

PROJEKTE, TEMA STUDIMORE & AKTIVITETE TË TJERA KËRKIMORE-SHKENCORE/ RESEARCH-SCIENTIFIC PROJECTS, STUDY THESIS & OTHER ACTIVITIES

- **Project:** *Investigating the Impact of Open Burn Pits on Air Pollution in Albania*. Funded by AADF, within the framework of the READ Program, implementation period: 2024-2025. (**E. Baraj (Leader/Coordinator), R. Lilo (member), E. Tako (member)**).
- **The Project:** *"Strengthening the Research Infrastructure at Chemistry Department, FIMIF-PUT, as a necessary tool to achieve academic and research standards"*. Project No. 854/1, 12 months, Biodiversity and Environment, Funded by AKKSHI. (August 2022 - August 2023) (**E. Baraj (Leader), R. Lilo (Member), V. Hoxha (Member), E. Tako (Member), A. Jano (Member), B. Dida (Member), E. Noçka (Member), I. Gjikaj (member), D. Karaj (member)**).
- **The Project:** *NanoAlb Ignite Projects 2022-2023 Preparation and characterization of PVA pure electrofiber nanofibers and PVA / MMT matrix to encapsulate an essential oil of Albanian medicinal plant for biomedical applications*. Funded by AKKSHI 2022-2023. (**E. Tako**)
- **The Project:** *"Zonal and Temporal Assessment of Physical, Physico-Chemical, and Seismic Parameters, Heat Flow, and Geothermal Energy Modeling in the Elbasan Region"* projects of PKKZH, funded by AKKSHI 2022-2023 (**E. Tako**).
- **Project:** *Innovative Nanomaterials Based on Fluorohydroxyapatites for Dental Applications*, AKKSHI, 2023-2025. (**B. Dida, D. Karaj, member**).
- **The Project:** *"Preparation and Characterization of PVA Pure Electrofiber Nanofibers and PVA/MMT Matrix to Encapsulate an Essential Oil of Albanian Medicinal Plant for Biomedical Applications"*. Acronym: *PvaNANOMat NanoAlb Ignite Projects 2022-2024*, funded by the Academy of Sciences of Albania within the framework of the IInd Call for Projects Related to COVID-19 and Other Emergent Nanotechnology Applications Areas 2022-2024. (**E. Tako, member**).

- **Post-Doctoral studies** within the framework of the DIPLOMAzia2 project. The study period extended from February 2017 to July 2017 and was conducted at the National Research Council of Italy (CNR) Institute of Geosciences and Earth Resources (IGG) - Pisa (Italy). (**E. Tako**).
- **EU Project:** “Support to the Kosovo Competition Authority and the State Aid Commission” (2020). (**E. Baraj**)
- **Project:** *Synthesis and Characterization of New Nanomaterials for Use in the Restoration and Maintenance of Facades of Buildings Classified as Cultural Monuments*, AKKSHI, 2018-2020. (**B. Dida (Leader), D. Karaj (Member)**).
- *The Messinian Salinity Crisis in Albania* (Tirana, 2019-2021). (**E. Noçka, Member**).
- **Post-Doctoral studies** in the framework of the project Erasmus Mundus Action 2 and S.U.N.B.E.A.M. (Structured University mobility between the Balkans and Europe for the Adriatic-ionian Macroregion), on the topic: “Recovery and biorecovery of heavy metals from electronic waste”. The study period extends from November 2017 - July 2018 and took place at the Department of Life and Environmental Sciences, Politecnico delle Marche University, Ancona, Italy (**D. Karaj**).
- **The project:** “A Scientific Approach to Identifying the Potential of Optimization in Water Pollution Control in Albania,” implemented in collaboration with BOKU University of Vienna, funded by AKTI, 2015-2017. (**R. Lilo (Coordinator for the Albanian Side), E. Baraj (member)**).
- **EU Project:** “Harmonisation of Public Procurement System in Ukraine with EU Standards” (2014, 2016). (**E. Baraj**)
- **The Project:** “Assessment of the Water Quality of Erzeni River in Albania and the Impact of Economic Developments Therein.” Implemented by DCI/FMEPE/PUT, within the framework of the Bilateral Technical and Scientific Cooperation Program with Austria, funded by AKTI and CEI-KEP Austria. Collaboration with the Institute of Sanitary Engineering and Water Pollution Control, BOKU, Vienna, 2013-2014. *Project Member*, as part of DCI/FMEPE. (**R. Lilo (Coordinator for the Albanian Side), E. Baraj, E. Noçka, E. Tako, V. Hoxha, I. Gjikaj, D. Karaj (Member)**)
- **Leader/Coordinator** for the Albanian Side of EU Projects in Support of Competition and State Aid in Albania, within the Frameworks of the CARDS 2005 and IPA 2008 Programs. (**E. Baraj**)
- **Participant in the UNEP Project:** *Preliminary remediation feasibility study for former chemical factory – Vlora Hotspot and preliminary solid waste management plan for municipality of Vlora (UNEP), 2003-2005* (**R. Lilo**).
- **Leader/Coordinator for the Albanian Side** of the EU-funded projects in support of Competition and State Aid in Albania, under the CARDS 2005 and IPA 2008 Programs. (**E. Baraj**)
- **Member of Joint Monitoring Task Force (MTF) në Projektin** “Lake Ohrid Conservaton Project” financuar nga GEF/WB, 1998-2001 (**R. Lilo**).
- **Participant in the WHO Project:** “Improving of drinking water quality” 1993-1994 (**R. Lilo**).

Studies and Expertise

- **UNEP/MAP-PAP/RAC-SPA/RAC, MET and NAPA (2021).** *Integrated Monitoring Programme – Albania.* Prepared by (alphabetical order): **E. Baraj**, F. Bego, S. Beqiraj, H. Beshku, O. Brivois, E. Cani, M. Cara, D. Cebrian, Z. Dedej, I. Guala, C. Guitart, D. Holcer, C. Ioakemidis, R. Kapedani, L. Kashta, Y. Kaska, N. Krstulović, P. Llaveshi, **R. Lilo**, M. Marković, R. Precali, E. Sacdanaku, I. Sekovski, A. Ylli, A. Zarrouk, M. Zenatello, A. Zenetos, O. Zoto. Eds: PAP/RAC, GEF Adriatic Project. pp. 140 + Annexes.
- **Expert in "GEF Adriatic Project: Implementation of Ecosystem Approach in the Adriatic Sea through Marine Spatial Planning,"** by the UNEP/MAP Coordinating Unit, PAP/RAC, and SPA/RAC, 2018-2019. (**E. Baraj, R. Lilo**)
- **E. Baraj (2020).** *Report on the Further Development of State Aid Awareness-Raising and Advocacy Activities in Kosovo.* EU support to the Kosovo Competition Authority and the State Aid Commission. Europe Aid/139447/DH/SER/XK.
- **E. Baraj (2016).** *Report on Technical Aspects of the Development of State Aid Register in Ukraine.* EU-funded Project "Harmonization of Public Procurement System in Ukraine with EU Standards," 49 pages.
- **E. Baraj (2014).** *Report on Draft Guidelines for the Preparation of Ukrainian State Aid Inventory.* EU-funded Project "Harmonisation of Public Procurement System in Ukraine with EU Standards," 37 pages.
- **National Expert in the project "Support for SME's Creation and Development in Albania"**, funded by UNDP-UNIDO (Vienna), 1996-1997. (**E. Baraj**)
- **Trainer at ITAP** in the field of competition and state aid (2005-2009). (**E. Baraj**)

International Expert (Short-Term):

- **National Expert** in the project "Support for SMEs' Creation and Development in Albania," funded by UNDP-UNIDO (Vienna), 1996-1997. (**E. Baraj**)
- **Chair of Working Groups** for the Preparation of the Legal and Institutional Frameworks in the Fields of Consumer Protection (2001-2002), Competition (2001-2004), and State Aid (2004-2010). (**E. Baraj**)
- **Trainer** at ITAP for the areas of Competition and State Aid (2005-2009). (**E. Baraj**)
- **Member** of the Scientific Council of the Ministry of Food Industry (1989-1991) and the Faculty of Natural Sciences (1983-1986). (**E. Baraj**)
- **Participant** (also as a panelist and/or moderator) and speaker at international events organized between 2001-2010 by OECD, UNCTAD, DG Comp, WB, and ICN, particularly focusing on competition legislation and state aid policies. (**E. Baraj**)
- **Environmental Expert in the Project: Preliminary Remediation Feasibility Study for Former Chemical Factory – Vlora Hotspot and Preliminary Solid Waste Management Plan for the Municipality of Vlora** (UNEP), 2003-2005. (**R. Lilo**)
- **Member of the Joint Monitoring Task Force (MTF)** in the *Lake Ohrid Conservation Project*, funded by GEF/WB, 1998-2001. (**R. Lilo**)
- **Participant in the WHO Project: Improving of Drinking Water Quality**, 1993-1994. (**R. Lilo**)

- **Chair of the Working Groups** for the preparation of the legal and institutional framework in the fields of *consumer protection* (2001-2002), *competition* (2001-2004), and *state aid* (2004-2010). (**E. Baraj**)

UDHËHEQJE DISERTACIONESH/ PhD DISSERTATIONS SUPERVISIONS

E. Noçka

Scientific Supervisor of the Doctorate titled “*The Chemistry of Deep Groundwater Near Oil Reservoirs in Zone X.*” PhD student: Ana Dindi, Faculty of Geology and Mining, Polytechnic University of Tirana, 2024-ongoing.

D. Karaj

Scientific Supervisor of the Doctoral Dissertation: “*LNG Infrastructure (Liquefied Natural Gas) from Source to Consumer,*” PhD student: Adelina Bakiu, Faculty of Geology and Mining, Polytechnic University of Tirana, 2023-ongoing.

TEKSTE- BOOKS

R. Totoni (Lilo), E. Baraj, V. Hoxha, A. Jano. *Kimia e përgjithshme - Për studentët e degëve inxhinierike*, Shtëpia Botuese Mediaprint ISBN: 978-9928-08-362-3, Botimi i parë, 2018, Ribotim, 2021.

R. Totoni (Lilo), E. Baraj. *Manual i punëve të laboratorit në kiminë e përgjithshme - Për studentët e degëve inxhinierike*, Shtëpia Botuese Mediaprint ISBN:978-9928-08-372-2. Botimi i parë, 2018.

E. Luzi, E. Mulla, **R. Totoni (Lilo).** *Kimi e Pergjithshme dhe Inorganike- Për studentet e degeve inxhinierike. (Botim i ripunuar)*, Shtëpia Botuese Vernon Publishing, Sh. P.K ISBN: 99943-777-6-0, Botimi i parë 2006.

E. Luzi, E. Mulla, **R. Totoni (Lilo).** *Kimi e Pergjithshme dhe Inorganike- Për studentet e degeve inxhinierike.* Shtëpia Botuese Vernon Publishing, Sh. P.K ISBN: 99943-777-0-1, Botimi i parë, 2005, Botim i ripunuar, 2006.

L. Xhezo, **R. Totoni (Lilo).** *Kimia 11.* Shtëpia Botuese Albas, Tiranë 2012. ISBN 978-9928-02-424-4

L. Xhezo, **R. Totoni (Lilo).** *Kimia 10.* Shtëpia Botuese Albas, Tiranë 2011. ISBN 978-9928-02-087-1

L. Xhezo, **R. Totoni (Lilo).** *Kimia 9, për klasën e 9-të të shkollës 9-ujecare.* Shtëpia Botuese Albas, Tiranë 2008. ISBN 978-99943-54-76-4

L. Xhezo, **R. Totoni (Lilo).** *Kimia 8, për klasën e 8-të të shkollës 9-ujecare.* Shtëpia Botuese Albas Tiranë 2008. ISBN 978-99943-54-31-3

E. Noçka, B. Dida, D. Karaj “*Kimia-shembuj dhe probleme*”, Kristalina-KH, Shkurt 2021 (ribotim 2022) , ISBN: 978-9928-309-22-8.

D. Karaj, B. Dida, E. Noçka “*Kimia-Problema te zgjidhura*”, Botimet Univers Tirane , Nentor 2021 (ribotim 2022), ISBN: 978-9928-355-08-9.

B. Dida, *Reaktorët Kimikë*, Tiranë 2025

B. Dida, *Reaktorët Kimikë, shembuj dhe probleme*. Tiranë 2025

E. Tako, I. Gjikaj “*Kimia Organike. Për Degët Inxhinierike*”, Pegi, Tiranë 2016 (ribotim 2018), ISBN: 978-9928-124-45-6.

Kimia 12, ISBN: 978-9928-248-95-4, Përshtatje në shqip, sipas marrëveshjes me Oxford University Press. **E. Tako**-Anëtare e grupit të punës. Shtëpia botuese “Pegi” 2018.

M. Prifti, N. Guga, **E. Tako**. *Kimia 11 (bërthamë)*. Shtëpia botuese Pegi, Tirane 2012. ISBN:978-9928-124-56-2

B. Dida, *Kimia fizike* (për studentët e inxhinierisë), 10/2018, SHLBSH e Re, ISBN: 978-99943-2-430-9

B. Dida, *Bazat e korrozionit* (për studentët e inxhinierisë), 03/2018, SHLBSH e Re, Tirana, ISBN: 978-9943-2-413-2

B. Dida, *Reaktorët kimikë: Shembuj dhe probleme*, 09/1998, SHLBU Tirana.

PJESËMARRJE NË ORGANIZMA SHKENCORE ETJ./ PARTICIPATION IN SCIENTIFIC ORGANISATIONS ETC.

- **B. Dida, President of the Scientific Association** *Association of Albanian Crystallographers (AAC)*, Association of Albanian Crystallographers (aac-cryst.eu).
- **B. Dida, Member of the Assembly** of the *International Union of Crystallography (IUCr)* with voting rights for Albania and Kosovo.
- **B. Dida, Member of the International Union of Crystallography (IUCr)** (individual membership).
- **B. Dida, Member of the European Crystallography Association (ECA)** (as AAC association and individual).
- **B. Dida, Member of the Italian Crystallography Association (ICA)** (individual membership).
- **B. Dida, Member of the Association of Students Who Have Completed Postdoctoral Studies in Japan** (Alumni of MONBUSHO).
- **E. Baraj, Member of the Scientific Council** of the *Ministry of Food Industry* (1989-1991) and the *Faculty of Natural Sciences* (1983-1986).
- **V. Hoxha, Member of the International of Association of Engineers**. April 2022 – ongoing.
- **E. Tako, Member** of the Geosciences and Geoengineering Research Unit, Academy of Sciences of Albania.

PJESËMARRJE NË KOMITETE SHKENCORE TË KONFERENCAVE ETJ. /PARTICIPATION IN SCIENTIFIC COMMITTEES OF CONFERENCES ETC.

E. Noçka

- **Member of the Scientific Committee** of THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania.
- **Member of the Scientific Committee** of The 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES (ICEAS 2022), 17-18 November 2022, Tirana, Albania.

E. Tako

- **Member of the Organizing Committee and Session Moderator** at the 5th INTERNATIONAL CONFERENCE ON NATURAL AND ENGINEERING SCIENCES, August 27-30, 2019, Istanbul, Turkey.
- **Co-Chair** of 5th INTERNATIONAL CONGRESS ON EDUCATION SCIENCE AND LEARNING TECHNOLOGIES (ICESLT), November 06-10 in Sarajevo, Bosnia and Herzegovina 2019

E. Baraj

- **Participant (also as a panelist and/or moderator) and presenter** in international events organized from 2001 to 2010 by OECD, UNCTAD, DG Comp, WB, and ICN, focusing especially on legislation and policies related to competition and state aid.

I. Gjika

- **Member of the Scientific Committee** of THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania.
- **Member of the Scientific Committee** of The 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES (ICEAS 2022), 17-18 November 2022, Tirana, Albania.

V. Hoxha

- **Member of the Organizing Committee** of the 8th INTERNATIONAL CONFERENCE ON NATURAL AND ENGINEERING SCIENCES, 21-23 November 2023. ONLINE, Akdeniz University, Ant Academy.
- **Member of the Scientific Committee** of the 9th INTERNATIONAL CONFERENCE ON NATURAL AND ENGINEERING SCIENCES, November 22-24, 2024. ONLINE.

D. Karaj

- **Member of the Scientific Committee** of The 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES (ICEAS 2022), 17-18 November 2022, Tirana, Albania.

CENTER OF FOREIGN LANGUAGES

The Center of Foreign Languages currently consists of 14 academic staff members

Prof. Dr. Fatmir Vrap
Prof. Dr. Lindita Gjata
Prof. Dr. Silvana Vishkurti
Assoc. Prof. Albana Avrami
Assoc. Prof. Anjeza Brahja
Assoc. Prof. Edita Stojani
Assoc. Prof. Lediana Beshaj

Assoc. Prof. Miranda Enesi
Dr. Isida Shehu
Dr. Jola Bojaxhi
Dr. Vanina Kanini
M.Sc. Megi Plaku
M.Sc. Viola Karapici
M.Sc. Reko Dida

Qendra e Gjuhëve të Huaja si një nga njësitë bazë të FIMIF, në Universitetin Politeknik të Tiranës ne zbatim te politikave per arritjen e standardeve dhe sigurimin e cilësisë së diplomave të UPT në nivelet Bachelor, Master ne Arsimin e Lartë, synon ofrimin e një edukimi cilësor në fushën e gjuhëve të huaja, mbështetur në programin e kornizës Europiane te Gjuhëve sipas Këshillit të Europës si dhe hartimin e kurrikulave të gjuhëve bazë të referuesit për gjuhët e nivelet e përcaktuara në 2001, duke kontribuar dhe në zhvillimin e aftësive e shprehive gjuhësore dhe komunikative të studentëve për t'u integruar në një mjedis akademik dhe profesional ndërkombëtar për një karriere të suksesshme.

Qendra e Gjuhëve të Huaja në përputhje me zhvillimet bashkëkohore europiane, si dhe objektivat e Arsimin të Lartë Shqiptar, kërkesat e nevojat funksionale e imediate të studentëve për nivele më të larta në gjuhët e huaja është përpjekur që t'u përgjigjet këtyre zhvillimeve, e kërkesave konkrete e specifike për nivelet e gjuhës së huaj, në ciklet e parë, të dytë e të tretë të studimit universitar e pasuniversitar.

Gjithashtu, synohet të standardizohen programet e mësimdhënies në Fakultete e Degë të ndryshme Inxhinierike për të synuar një optimizim të krediteve, shtrirje kohore të programit për të realizuar objektivat e duhura në fushën e gjuhës së aplikuar. Përparësi marrin Metodatat Komunikative, interaktive dhe efikase, por edhe një bazë laboratorike e kompjuterizuar, krijimi i një sitografie, metodologjia e kërkimit dhe shfletimit të fjalorëve terminologjikë etj. Në synim të edukimit profesional, shumëgjuhësor të studentëve, duke nxitur interesin e tyre për lëndën e Gjuhës së Huaj, duke ofruar njohuri dhe aftësi që i ndihmojnë ata të komunikojnë me sukses në një hapësirë të gjerë fushash për të krijuar mundësi për shkëmbime akademike dhe punësimi në treg e nivel ndërkombëtar. Gjithashtu, QGJH kontribuon në forcimin e marrëdhënieve ndërkombëtare të universitetit përmes mësimdhënies dhe aktiviteteve njohëse e kulturore.

Nga fushat më të rëndësishme që mbulon dhe është specializuar personeli akademik i Qendrës së Gjuhëve të Huaja janë si më poshtë:

- Gjuhësi e aplikuar

- Gjuhëse përqasëse dhe Metodike në gjuhët e huaja
- Terminologjia dhe vecoritë e ekuivalentimit të termave
- Komunikimi dhe përkthimi në gjuhët e huaja
- Interpretimi dhe komunikimi gjuhesor
- Standardet, zhvillimi dhe Korniza Europiane e Gjuhëve të Huaja
- Vlerësimi/paragatitja e testeve e niveleve për provimet Ndërkombëtare

Objektivat kryesore të Qendrës së Gjuhëve të Huaja janë:

1. **Përmirësimi i aftësive gjuhësore të studentëve:** Ofrimi i një programi të plotë mësimor mbi zhvillimin e aftësive të komunikimit oral dhe shkrimor në gjuhë të huaja (anglisht, frëngjisht, gjermanisht, italisht, japonisht etj.), me fokus në përdorimin e këtyre gjuhëve për qëllime akademike e profesionale.
2. **Përgatitja për tregun ndërkombëtar të punës:** Sigurimi i aftësive e shprehive gjuhësore dhe komunikative për studentët, për të qenë të përgatitur e punuar në mjedise shumëkombëshe si dhe angazhimi e përfshirja në bashkëpunime e projekte ndërkombëtare.
3. **Zhvillimi i një mjedisi ndërkulturor:** Inkurajimi i njohurive për kulturat e ndryshme bashke me zhvillimin e aftësive për komunikimin ndërkulturor, që mbetet thelbësor e funksional për të operuar me sukses në një botë gjithnjë e më të ndërlidhur globalisht.

Qendra e Gjuhëve të Huaja mbulon gjithë disiplinat e Gjuhës së Huaj (anglisht, frëngjisht, gjermanisht, italisht, japonisht etj.) që zhvillohen në të gjitha programet e studimit të Universitetit Politeknik të Tiranës si dhe disiplinën e Komunikimit Inxhinierik në programet e Ciklit të Dytë.

The Foreign Language Center, as one of the fundamental units of the Faculty of Mathematical Engineering and Physical Engineering (FIMIF) at the Polytechnic University of Tirana, aims to implement policies to achieve standards and ensure the quality of PUT degrees at the Bachelor's and Master's levels in higher education. It seeks to provide quality education in foreign languages, based on the European Language Framework program established by the Council of Europe, as well as to develop curricula for foundational languages following the 2001 reference levels. The center contributes to the development of students' linguistic and communicative skills, enabling them to integrate into an international academic and professional environment for a successful career.

In alignment with contemporary European developments and the objectives of Albanian higher education, as well as the functional and immediate needs of students for advanced foreign language proficiency, the Foreign Language Center has sought to

respond to these developments and specific demands for foreign language levels in undergraduate, graduate, and postgraduate cycles.

Additionally, the center aims to standardize teaching programs across various faculties and engineering branches to optimize credit allocation and extend program durations to achieve appropriate objectives in applied language. Priority is given to communicative, interactive, and efficient teaching methods, alongside a computerized laboratory base, the creation of an online repository, research methodology, and exploration of terminological dictionaries. The goal is to offer students professional, multilingual education, encouraging their interest in foreign language subjects and providing them with the knowledge and skills needed to communicate successfully across a wide range of fields. This fosters opportunities for academic exchanges and employment in international markets. Moreover, the center strengthens the university's international relations through teaching and cultural activities.

The academic staff of the Foreign Language Center specializes in and covers the following key areas:

- Applied linguistics
- Comparative linguistics and methodology in foreign languages
- Terminology and equivalence features of terms
- Communication and translation in foreign languages
- Interpretation and linguistic communication
- Standards, development, and the European Framework for Foreign Languages
- Assessment and preparation of level tests for international exams

The main objectives of the Foreign Language Center are:

1. **Improving students' language skills:** Offering a comprehensive curriculum for the development of oral and written communication skills in foreign languages (English, French, German, Italian, Japanese, etc.), with a focus on their application for academic and professional purposes.
2. **Preparation for the international labor market:** Equipping students with linguistic and communicative skills to work in multicultural environments and engage in international collaborations and projects.
3. **Fostering an intercultural environment:** Encouraging knowledge of diverse cultures while developing intercultural communication skills essential for successfully operating in an increasingly interconnected global world.

The Foreign Language Center oversees all Foreign Language disciplines (English, French, German, Italian, Japanese, etc.) offered across all study programs at the Polytechnic University of Tirana, as well as the discipline of Engineering Communication in Second Cycle programs.

ARTIKUJ SHKENCORE TË BOTUAR / PUBLISHED PAPERS IN PEER-REVIEW JOURNALS

2024

100. M. Kuqali, **M. Plaku**, *Enhancing students' comprehension of metaphoric terms in physics*. EDELWEISS APPLIED SCIENCE AND TECHNOLOGY, Vol. 8 (2024), No. 6, 7300–7309.
99. **A. Brahja, I. Shehu, V. Kanini, J. Bojaxhi**. *Encountered Challenges and Student-Oriented Teaching Strategies of ESP Lecturers in Public Albanian Universities*. JOURNAL OF EDUCATIONAL AND SOCIAL RESEARCH 14(2024), No 5, pp. 344-357.
98. **A. Avrami, A. Brahja, M. Enesi**, *Tendencies and Elements of Digitalization in Albanian Universities*. JOURNAL OF EDUCATIONAL AND SOCIAL RESEARCH. 14 (2024), No 3, pp. 363-371.
97. H. Grillo, **M. Enesi**, *Albanian Language Pedagogical Dictionaries and Their Importance in Explanation of Pedagogical Terms*. MEDITERRANEAN JOURNAL OF SOCIAL SCIENCES, 15(4) (2024), 36-45.
96. **M. Plaku, V. Karapici**, *Vocabulary Notebooks as a Noteworthy Powerful Instrument in Technical Vocabulary Learning*, ATHENS JOURNAL OF EDUCATION. Vol. 11(2024), No. 4, pp. 315-334.
95. **V. Karapici**. *The Well-Being of Children and Young People in The Focus of Education*. DEUTSCHE INTERNATIONALE ZEITSCHRIFT Nr. 77(2024), 26-29.

2023

94. **A. Brahja, V. Kanini**. *The Tradition of Compiling Terminological Dictionaries in Albania*, BULLETIN OF TECHNICAL SCIENCES, PUT, (2023), No.1, pp. 71-77.
93. **A. Brahja, A. Avrami**. *Issues in Assimilating Technical Terms in Foreign Languages*. ANNALI D'ITALIA, No. 48 (2023), pp. 41-43.
92. **A. Brahja, I. Shehu**, *Goals for Enlarging ESP Vocabulary*. GERMAN INTERNATIONAL JOURNAL OF MODERN SCIENCE, No. 66 (2023), pp. 44-45.
91. **A. Brahja, E. Stojani**. *The use of English for Specific Purposes by lecturers/specialists of different fields of study – a case study*. GERMAN INTERNATIONAL JOURNAL OF MODERN SCIENCE. No. 65 (2023), pp. 25-29.
90. **E. Stojani, A. Brahja**. *Historical overview on the influence of Italianisms in Scientific Terminology in Albanian*. JOURNAL OF SCIENCE. LYON, No. 47 (2023), pp. 24-27.
89. **E. Stojani, V. Kanini**. *General issues on the purification and enrichment of the Albanian language*, GERMAN INTERNATIONAL JOURNAL OF MODERN SCIENCE, No. 66(2023), 68-70.

88. **E. Stojani, I. Shehu.** *The development of terminology After the 40' in Albanian language*, ANNALI D'ITALIA, No. 48(2023), 69-71.
87. **V. Kanini, E. Stojani.** *Foreign languages as a national priority in the face of change and reforms*, JOURNAL OF SCIENCE. LYON, No. 47 (2023), 32-34.
86. **I. Shehu, E. Stojani,** *Teaching foreign languages for specific purposes: characteristics of specialized discourse in foreign language text books*, JOURNAL OF SCIENCE. LYON, No. 47(2023), 28-31.
85. **J. Bojaxhi, E. Stojani,** *An overview of intercultural and communicative competences in foreign language learning*, ANNALI D'ITALIA, 48 (2023), 72-74.
84. **I. Shehu, A. Avrami.** *The inevitable presence of English words in the language used by the telecommunication companies.* DEUTSCHE INTERNATIONALE ZEITSCHRIFT FÜR ZEITGENÖSSISCHE WISSENSCHAFT. 69 (2023), pp. 35-37.
83. **A. Avrami, I. Shehu.** *The Language of Specialization and Integrated Teaching: Reality and Challenges*, BULLETIN OF TECHNICAL SCIENCES, 1 (2023), 23-30.
82. **M. ENESI, A. TRIFONI,** *An Analysis of English Writing Errors of Freshmen Students' Essays: The Case of 'Aleksandër Moisiu' University.* ATHENS JOURNAL OF EDUCATION, Vol. 10 (2023), No. 3, 481-506.
81. **M. Enesi, E. Strati, A. Trifoni.** "Alternative grammar teaching vs. traditional grammar teaching in Albanian tertiary education", INTERNATIONAL JOURNAL OF EDUCATION AND PRACTICE, Vol. 11(2023), No. 2, 279-294.
80. **M. Plaku.** *Role of Technology in Learning And Teaching English For Specific Purposes, Student's Perspective.* DEUTSCHE INTERNATIONALE ZEITSCHRIFT FÜR ZEITGENÖSSISCHE WISSENSCHAFT No. 67(2023), pp. 37-45.
79. **V. Karapici, M. Plaku.** "The Process of Learning a Foreign Language And Problems Encounter During Learning" DEUTSCHE INTERNATIONALE ZEITSCHRIFT FÜR ZEITGENÖSSISCHE WISSENSCHAFT No. 67(2023), pp. 51-59.
78. **M. Plaku, K. Shiba, S. Vishkurti.** *Implementation of Audiovisual Media - A Challenge in Teaching and Learning Foreign Languages.* EUROPEAN ACADEMIC RESEARCH Vol. XI (2023), No. 9, 1027-1037.
77. **M. Plaku, A. Avrami** *The Role of Writing Skills in a Foreign Language for Professional Purposes.* REVISTA "FGJH" Nr. 7(2023). pp. 43-52.
76. **S. Jorgji, S. Vishkurti,** *The Challenges Of Teaching The Subject Of Communication And Its Development Perspectives,* BULLETIN OF TECHNICAL SCIENCES, Nr. 1(2023), pp. 64-70.

2022

75. **F. Vrapci, V. Karapici** *Deliberate techniques in teaching ESP at Polytechnic University of Tirana,* ADVANCES IN SOCIAL SCIENCE RESEARCH JOURNAL Vol. 9 (2022), No. 1, 502-510.
74. **M. Zaçellari, L. Beshaj.** *Creative Ways of Enhancing Foreign Language Linguistic and Cultural Skills for the Students of Economics.* JOURNAL OF LANGUAGE

TEACHING AND RESEARCH JOURNAL OF LANGUAGE TEACHING AND RESEARCH, Vol. 13 (2022), No. 5, pp. 916-924.

73. H.M. Grillo, **M. Enesi**. “*The impact, importance, types, and use of non-verbal communication in social relations*”. LINGUISTICS AND CULTURE REVIEW, 6(S3) (2022), 291-307.
72. M. Parllaku, **S. Vishkurti**. “*Multimodality and ICT: what challenges?*” JOURNAL OF EDUCATIONAL SCIENCES & PSYCHOLOGY, Vol. XII(2022), No. 1, 95-101.

2021

71. **M. Enesi, F. Vrap**, A. Trifoni, *Challenges of Teaching and Learning English Language for ESP Courses*, JOURNAL OF EDUCATIONAL AND SOCIAL RESEARCH Vol. 11 (2021), No. 4, 213-226.
70. **M. Enesi**, H. Grillo. “*Application of Inquiry-Based Learning Method in Social Sciences*”, JOURNAL OF EDUCATIONAL RESEARCH Vol. 3(2021), No. 5-6, pp. 39-50.
69. E. Roseni, **M. Enesi**. “*Assessment effects the quality of learning outcomes in foreign languages*”, EUROPEAN ACADEMIC RESEARCH, Vol IX (2021), No. 1, 766-776.

2020

68. **F. Vrap**, *Interpreting and Treatment of Certain Terms in English Language*, BALKAN JOURNAL OF INTERDISCIPLINARY RESEARCH, Vol. 6 (2020), No. 2, 24-32.

2019

67. **F. Vrap**, *Experience and Teaching at Polytechnic University of Tirana*, EUROPEAN JOURNAL OF LANGUAGE AND LITERATURE STUDIES, Vol. 5 (2019), No. 3, 72-76.

2018

66. **F. Vrap, E. Stojani** *Thoughts on the translation and adaptation of some idioms and phraseological expressions from a foreign language into Albanian*, BULLETIN OF TECHNICAL SCIENCES, PUT, (20 April 2018).
65. **M. Enesi**, H. Grillo. “*Using synonymy in translation of Hemingway’s A farewell to arms’ from English into Albanian*”, ANGLISTICUM, Vol. 7 (2018), No. 8, 73-82.

2017

64. **F. Vrap, E. Frashëri** *Appraisal and Hints on “Career Paths” Series, ESP Engineering Books Developed at PUT of Tirana*, EUROPEAN JOURNAL OF MULTIDISCIPLINARY STUDIES, Vol. 5 (2017), No. 1, 49-54.
63. **E. Stojani, F. Vrap** *The use of Terminological Lexicon in Making Phraseological Units*, EUROPEAN JOURNAL OF MULTIDISCIPLINARY STUDIES, Vol. 2 (2017), No. 5, 432-436.

62. **J. Bojaxhi, F. Vrapì, E. Stojani** *Reflections on Theory of Communication*, ADVANCES IN SOCIAL SCIENCE RESEARCH JOURNAL Vol. 4 (2017), No. 12, 85-89.
61. **M. Enesi**, E. Strati, “*Contemporary methods of semantic studies and their impact in translation*”, INTERDISCIPLINARY JOURNAL OF RESEARCH AND DEVELOPMENT, Vol. 4(2017), No. 3, pp.117-128.
60. E. Strati, **M. Enesi**, "A comparative perspective of Semantic relation", INTERDISCIPLINARY JOURNAL OF RESEARCH AND DEVELOPMENT, Vol. 4(2017), No. 3. pp 42-49.
59. **M. Enesi**. “*The Effect of Teaching Word Formation Theory to English Students*”, EUROPEAN JOURNAL OF LANGUAGE AND LITERATURE, Vol. 3 (2017), No. 1, pp. 7–12.
58. **J. Bojaxhi**. “*Brief overview of the history of information technology (IT) culture in Albania*”, THE EUROPEAN JOURNAL OF HUMANITIES AND SOCIAL SCIENCES. No. 6(2017), pp. 32-34.
57. **J. Bojaxhi**. “*Dependence of the language of specialty in computer and electronic engineering of the Albanian language from the English language*” THE EUROPEAN JOURNAL OF HUMANITIES AND SOCIAL SCIENCES. No. 6(2017), pp. 30-31.

2016

56. **I. Shehu**, *The importance of LSP and differentiation of word/term in a foreign language*, EUROPEAN JOURNAL OF LITERATURE AND LINGUISTICS, No.2 (2016), pp. 32-35.
55. **L. Beshaj**. *Bilingualism in Albania and Its Benefits*; ACADEMIC JOURNAL OF INTERDISCIPLINARY STUDIES, Vol. 5 (2016), No.3 S1; pp. 436-440.
54. **M. ENESI**, E. STRATI. “*Productivity of Words with Negative Affixes in English-Albanian and Albanian-English Dictionaries*”, JOURNAL OF EDUCATIONAL AND SOCIAL RESEARCH, Vol. 6(2016), No. 1, pp. 78-88.

2015

53. **A. Brahja**. *An analysis of students’ best involvement in ESP learning contexts – a case study*. AUSTRIAN JOURNAL OF HUMANITIES AND SOCIAL SCIENCES, (2015). No. 5-6 (2015), pp. 62-63.
52. **A. Brahja**, *Overcoming Difficulties ESP Students Have in Doing ESP Tasks*. EUROPEAN JOURNAL OF LITERATURE AND LINGUISTICS, No. 2 (2015), pp. 28-32.
51. **E. Stojani, F. Vrapì** *Borrowings and their Diachronic Development in Scientific and Technical Terminology of Mechanical Engineering in Albanian*, JOURNAL OF EDUCATIONAL AND SOCIAL RESEARCH, Vol. 5 (2015), No. 2, pp. 81-86.
50. **S. Vishkurti, F. Vrapì, J. Bojaxhi**, *The role of tasks in teaching/learning of foreign Languages for specific purposes*, INTERNATIONAL JOURNAL OF

HUMANITIES SOCIAL SCIENCES AND EDUCATION, Vol. 2 (2015), No. 4, 238-244.

49. Xh. Pejtamalli, P. Cipo, A. Muçka, **F. Vrap**i *Protection from Direct Lightning Strike in the Main Building of the Polytechnic University of Tirana*, ACADEMIC JOURNAL OF INTERDISCIPLINARY STUDIES Vol 4 (2015), No. 2 S2, 250-258.
48. **E. Stojani, F. Vrap**i. *Drafting of Foreign Language Teaching Methods under the Intercultural Education Approach*, INTERNATIONAL JOURNAL OF HUMANITIES SOCIAL SCIENCES AND EDUCATION (IJHSSE), Vol. 2(2015), No. 4, 112-118.
47. **L. Beshaj**. *The Influence of Media in the Intellectualization of the Albanian Lexicon with Words Deriving from the English Language*; INTERNATIONAL JOURNAL OF HUMANITIES SOCIAL SCIENCES AND EDUCATION (IJHSSE), Vol. 2 (2015), No. 1, pp. 209-212.
46. **L. Beshaj**. *The Growing Importance of English for Specific Purposes (ESP) In Albanian Higher Education*. INTERNATIONAL JOURNAL ON STUDIES IN ENGLISH LANGUAGE AND LITERATURE (IJSELL). Vol. 3 (2015), No. 6, pp. 10-13.
45. **L. Beshaj**, M. Zaçellari. *A brief overview on the dictionary of Hector Harizaj regarding the terminology of environment, as well as the use of the word groups in the translation process*. EUROPEAN ACADEMIC RESEARCH Vol. III (2015), No. 1, 799-805.
44. **L. Beshaj**. *Figurative Transformation of Free Compound Words into Adjectival Phraseological Units in the Albanian and English Language to be Acquired from the Students*. EUROPEAN JOURNAL OF LANGUAGE AND LITERATURE STUDIES Vol. 1(2015), No. 2, 70-77.
43. M. Zaçellari, **L. Beshaj**. *“A brief overview on illustrating phraseological syntagma used in the Italian Arbëresh dictionary of Emanuele Giordano”*. EUROPEAN ACADEMIC RESEARCH, Vol. II (2015), No. 12, 16201-16210.
42. **L. Beshaj**. *A brief approach of adjectival phraseological units formed by hyperbolic and litotes transfer in English and Albanian*. EUROPEAN ACADEMIC RESEARCH Vol. III (2015), No. 8, 8741-8755.
41. **L. Beshaj**. *“English language in private universities, a contribution to European integration and not only”*, REVISTA SHKENCORE PERIODIKE “WISDOM”, Nr 2 (2016), pp. 210-219. ISSN 2410-8472
40. **L. Beshaj**. *Teaching English vocabulary to Albanian students and the importance of the semantic fields in the process of expanding it*. BEDER JOURNAL OF EDUCATIONAL SCIENCES VOL. 8(2015), No. 1, 7-16.

2014

39. L. Buza, **F. Vrap**i *English and Albanian Language into the Legal Context*, JETA JURDIKE Nr. 2(2014). ISSN 2219-4134

38. **I. Shehu.** *How and to What Extent Telecommunications Terms Borrowed from English are Reflected in Bilingual (English-Albanian) Dictionaries*, KËRKIME UNIVERSITARE: JOURNAL "SOCIAL, ECONOMICS, AND EDUCATIONAL SCIENCES", Nr. 37(2014), pp. 275-280.
37. **L. Beshaj.** *Motivation and Etymology of Phraseological Units in English and Albanian Language* MEDITERRANEAN JOURNAL OF SOCIAL SCIENCES, Vol. 5 (2014), No 1 S1, 189-193.
36. **V. Kanini.** *'A guided approach to ESP course design for students who study at the Faculty of Information and Technology'*, BULLETIN OF TECHNICAL SCIENCES, PUT, No. 2 (2014), pp. 53-58.
35. **V. Kanini.** *'The impact of improving foreign languages in the reform process in PUT'*, PEDAGOGICAL MAGAZINE IZHA; December 2014 Tirana, ISSN 0304-3509; pp. 118-129.
34. M. Paci, Sh. Delija, **S. Vishkurti** (2014), *The development of an English for Specific Purposes curriculum in the Polytechnic University of Tirana*, INTERNATIONAL JOURNAL OF HUMANITIES SOCIAL SCIENCES AND EDUCATION (IJHSSE), Vol. 1(2014), No. 8, pp. 193-199.
33. **S. Vishkurti.** *Exploitation de fiches en classes de FLE*. PEDAGOGY, No. 5(2014), pp. 717-729.
32. **S. Vishkurti.** *Le rôle des documents non - textuels dans l'apprentissage du français de spécialité (cas d'étudiants albanais de filières scientifiques) (The role of non-textual documents in teaching/learning French for specific purposes (Case study of Albanian students of engineering branches))*. SYNERGIES ROUMANIE No. 9(2014), 85-92.

2013

31. **A. Brahja.** *ESP Vocabulary Teaching and Learning, Comparing the Language Teacher and Language Learning on the Internet*. JOURNAL OF EDUCATIONAL AND SOCIAL RESEARCH, Vol. 3(2013), No.7, pp. 655-661.
30. **A. Frashëri, E. Stojani,** *General Overview on the Evolution of the Legal Albanian Terminology*, ANGLISTICUM, Vol.2 (2013), No. 6, 30-37.
29. **I. Shehu.** *'Anglicisms in Italian and Albanian language in the field of telecommunication and informatics'*, MEDITERRANEAN JOURNAL OF SOCIAL SCIENCES, Vol.4 (2013), No. 10, pp. 689-692.
28. **L. Beshaj.** *"Manifestation of Phraseological Units with colors in English and Albanian"* ACADEMIC JOURNAL OF INTERDISCIPLINARY STUDIES, Vol. 2 (2013), No. 2, pp. 217-222.
27. **L. Beshaj** *"Phraseological Units in the functional styles in English and Albanian Language"* MEDITERRANEAN JOURNAL OF SOCIAL SCIENCES, Vol. 4(2013), No. 2, pp. 453-456.

26. **V. Kanini.** “Albanian students among changes and challenges in learning ESP courses”, LINGUA MOBILIS, No. 4 (43) (2013), pp. 119-125.
25. M. Paci, **S. Vishkurti.** “Strategies of teaching/learning a foreign language for specific purposes”, AKTET: JOURNAL OF INSTITUTE ALB-SHKENCA, Vol. VI (2013), No. 3, pp. 259-264.
24. E. Nasufi, **S. Vishkurti**, M. Alimehmeti. *University-level reflective writing, analyzing the internship reports of students of french as a foreign language*, in: PROBLEMS OF EDUCATION IN THE 21ST CENTURY, Vol. 56 (2013), 86-92.
23. **S. Vishkurti**, *L’empathie au service de l’enseignement / apprentissage du FLE/FOS*, REVISTA DE ȘTIINȚE SOCIOUMANE, Nr. 2 (24) (2013), pp. 11-16.
22. A. Kosovrasti, **S. Vishkurti**, E. Nasufi. *Francophone Interregional Projects and Their Impact on the Albanian University Context*. VISIONS, No. 20(2013), 31-40.

2012

21. **M. Shahini**, V. Memisha, “Affixed Words with Derogatory Meaning in English-Albanian and Albanian-English Dictionaries”. JOURNAL OF EDUCATIONAL AND SOCIAL RESEARCH. Vol. 2 (2012), No. 6, pp. 291-298.
20. E. Nasufi, **S. Vishkurti**, (2012) *Pour une meilleure insertion professionnelle des jeunes à travers un projet FLE/FOS dans les universités albanaises*. LE FRANÇAIS À L’UNIVERSITÉ : BULLETIN DES DÉPARTEMENTS DU FRANÇAIS DANS LE MONDE No. 4(2012), pp. 33-39.
19. **S. Vishkurti**, A. Spahiu, A. Uçi. *Language Skills and Learning in Higher Education*, REVISTA PEDAGOGJIKE, 2012, pp. 40.

2011

18. **M. Shahini**, V. Memisha. “Similarities and Differences Between the Albanian and English with Regard to the Word Formation Process” MEDITERRANEAN JOURNAL OF SOCIAL SCIENCES Vol. 2 (2011), No. 3, 338-345.
17. A. Trifoni, **M. Shahini.** “How Does Exam Anxiety Affect the Performance of University Students”, MEDITERRANEAN JOURNAL OF SOCIAL SCIENCES Vol. 2 (2011), No. 2, pp. 93-100.
16. **M. Shahini**, A. Trifoni. “Lesson management in a class of different cultural backgrounds and levels of english” EUROPEAN SCIENTIFIC JOURNAL /SPECIAL EDITION. Vol. 14(2011), pp. 68-80.
15. **S. Vishkurti**, A. Spahiu, M. Paci. *Issues of science teaching in Higher Education*, PROBLEMS OF EDUCATION ON 21ST CENTERY, Vol. 28(2011), 123-130.

2010

14. **M. Shahini**, V. Memisha, “The formation of euphemisms in English and Albanian”. IN ESSE: ENGLISH STUDIES IN ALBANIA Vol. 1(2010), No 2, 69-77.

13. **S. Vishkurti.** Çështje të përsëritjes në tekstet e reklamave televizive në gjuhën shqipe në përqasje me ato në gjuhën frënge. *STUDIME FILOLOGJIKE*, No. 3-4(2010), 213-223.

2009

12. **S. Vishkurti**, B. Ben Nacer. *Quelques réflexions sur la didactique des langues en Albanie.* SYNERGIES ROUMANIE, Nr. 4 (2009), 103-109.
11. **S. Vishkurti**, D. Hadaj. *Mbi reklamën shqiptare midis dy luftrave botërore,* *STUDIME FILOLOGJIKE*, No. 1-2(2009), 217-224.

2008

10. **S. Vishkurti.** *Reforma dhe edukimi qytetar në Universitete,* *AKTET: JOURNAL OF INSTITUTE ALB-SHKENCA*, Vol. II (2008), Nr. 3, pp. 107-111.

2006

9. **S. Vishkurti**, D. Hadaj. *Drejt zhvillimit të pavarur e krijues nëpërmjet reklamës dhe mjeteve të tjera audiovizive në orën e mësimi,* *REVISTA PEDAGOGJIKE*, Nr. 2 (2006).

2005

8. **S. Vishkurti.** *Reklama si mjet didaktik në mësimdhënien e gjuhës së huaj,* *KURRIKULA DHE SHKOLLA: GJUHA E HUAJ (ISP)*, 7(2005), pp. 83.

2002

7. **F. Vrapì.** *Anglishtja Britanike dhe Amerikane,* *REVISTA FOCUS*, 2002.

2001

6. **S. Vishkurti.** *Antonimia- dukuri e veçantë dallimi në reklamë,* *GJUHA JONË*, 1-2 (2001), Akademia e Shkencave e Shqipërisë, pp. 44-51.

1996

5. **F. Vrapì.** *Refleksione pas seminarit ndërkombëtar: [Grac të Austrisë. Tematika përfshinte "Studime dhe kërkime mbi efektivitetin në përvetësimin dhe mësimdhënien e gjuhëve të huaja"],* *MËSUESI*, Nr. 33 (1996), pp. 7.
4. **F. Vrapì.** *English Teaching in Albania.* The October-November Edition, IATEFL, Essex England, 1996.
3. **F. Vrapì.** *English for Specific Purposes (ESP)*, UK Trust, West Sussex UK, 1996

1995

2. **F. Vrapì** *Veçori të stilit tekniko-shkencor në mësimdhënien e gjuhës angleze,* *REVISTA PEDAGOGJIKE*, ISP 1995.

1990

1. I. Lëngu, **S. Vishkurti**, *Origjinaliteti i Mishel Turniesë,* *DRITA*, 4 Gusht 1990, pp. 13.

REFERIME NË KONFERENCA – PRESENTATIONS IN CONFERENCES

179. **V. Kanini**, *The pedagogical approach and teacher's role in Esp Teaching*. THE 3rd INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE, November 22-23, 2024, Bahce, Osmaniye, Turkey.
178. **A. Brahja, A. Avrami, I. Shehu**. *Acquiring Fluency in an ESP Context – a case Study*. INTERNATIONAL CONFERENCE ON SCIENTIFIC AND INNOVATION RESEARCH–III, May 3-5, 2024, Sivas, Turkiye.
177. **A. Avrami**. *The impact of technology in learning german*. THE INTERNATIONAL CONFERENCE ON SCIENTIFIC AND INNOVATION RESEARCH–III, May 3-5, 2024, Sivas, Turkiye.
176. O. Begu, **A. Brahja**, *The use of Artificial Intelligence in Education and the Impact it has on Students*. INTERNATIONAL CONFERENCE ON SCIENTIFIC AND INNOVATION RESEARCH–III, May 3-5, 2024, Sivas, Turkiye.
175. **V. Kanini, I. Shehu**. “*The acquisition of ESP vocabulary and its use by Electronic Engineering students at the Faculty of Information Technology at PUT*”, INTERNATIONAL CONFERENCE ON SCIENTIFIC AND INNOVATION RESEARCH–III, May 3-5, 2024, Sivas, Turkiye.
174. **I. Shehu, V. Kanini**. “*The role of image in acquiring subject-related terminology and encouraging communication*”. INTERNATIONAL CONFERENCE ON SCIENTIFIC AND INNOVATION RESEARCH–III, May 3-5, 2024, Sivas, Turkiye.
173. **V. Kanini**. “*Vocational English language teaching at PUT and the role of ESP in the contemporary literature point of view*”, INTERNATIONAL SCIENTIFIC CONFERENCE “MULTILINGUALISM IN THE EU–LINGUISTIC, CULTURAL AND SOCIAL ISSUES”, May 09, 2024, Tirana, Albania.
172. **E. Stojani, V. Kanini**. “*Integrating intercultural competence in ESP*”, INTERNATIONAL SCIENTIFIC CONFERENCE “MULTILINGUALISM IN THE EU–LINGUISTIC, CULTURAL AND SOCIAL ISSUES”, May 09, 2024, Tirana, Albania.
171. **J. Bojaxhi, V. Kanini**. *The design of foreign language method under the perspective of intercultural education*. INTERNATIONAL SCIENTIFIC CONFERENCE “MULTILINGUALISM IN THE EU–LINGUISTIC, CULTURAL AND SOCIAL ISSUES”, May 09, 2024, Tirana, Albania.
170. **A. Brahja**. *Task-Based Teaching as a way to master students' skills*. 14th ELTA ALBANIA INTERNATIONAL CONFERENCE “GLOBAL PERSPECTIVES ON ENGLISH LANGUAGE TEACHING”, May 10-11, 2024, Tirana, Albania.
169. **L. Beshaj, M. Zacellari**. “*Multilingualism and EU enlargement; Linguistic and translation issues*”. INTERNATIONAL SCIENTIFIC CONFERENCE “MULTILINGUALISM IN THE EU-LINGUISTIC, CULTURAL AND SOCIAL ISSUES” 09 May, 2024, Tirana, Albania.

168. **I. Shehu, A. Brahja.** *The challenges of adapting and spelling words of English origin into the Albanian language.* INTERNATIONAL SCIENTIFIC CONFERENCE “MULTILINGUALISM IN THE EU-LINGUISTIC, CULTURAL AND SOCIAL ISSUES” 09 May, 2024, Tirana, Albania.
167. M. Zaçellari, **L. Beshaj.** “*Multilingualism and Diversity in Europe; Linguistic integration of immigrants in EU countries and the preservation of the native languages*” INTERNATIONAL SCIENTIFIC CONFERENCE “MULTILINGUALISM IN THE EU- LINGUISTIC, CULTURAL AND SOCIAL ISSUES” 09 May, 2024, Tirana, Albania.
166. **I. Shehu.** *Idioms in ESP textbooks,* THE 10TH INTERNATIONAL EUROPEAN INTERDISCIPLINARY SCIENTIFIC RESEARCH CONGRESS, 27-29 August 2024, Zurich, Switzerland.
165. **V. Karapici,** *Empowering Minds, engaging activities to cultivate critical thinking and problem-solving skills in students,* INTERNATIONAL CONFERENCE ON SCIENTIFIC AND INNOVATION RESEARCH-III, May 03-05, 2024, Sivas, Turkiye
164. **V. Karapici,** *Language and Technology,* INTERNATIONAL SCIENTIFIC CONFERENCE “MULTILINGUALISM IN THE EU-LINGUISTIC, CULTURAL AND SOCIAL ISSUES”, May 09, 2024, Tirana, Albania.
163. **M. Enesi,** A. Trifoni, H. Mukli (Grillo). *Challenges of Learning English for Electrical Engineering terminology through translation.* THE 14TH EDITION OF INTERNATIONAL CONFERENCE: “CROSSING BOUNDARIES IN CULTURE AND COMMUNICATION”, 31 October-1 November 2024, Bucharest, Romania.
162. H. Grillo Mukli, **M. Enesi,** *The role of fairy tales on the ideological and mental formation in early childhood.* THE 14TH EDITION OF INTERNATIONAL CONFERENCE: “CROSSING BOUNDARIES IN CULTURE AND COMMUNICATION”, 31 October-1 November 2024, Bucharest, Romania.
161. **M. Enesi.** A. TRIFONI. *Engineering Students Most Important Strategies In The Acquisition Of New Technical Vocabulary.* International Conference Education in Motion. 25 October 2024 Nitra, Slovakia.
160. **A. Avrami,** *The Role of Technology in Teaching The German Language For Professional Purposes,* THE INTERNATIONAL SCIENTIFIC CONFERENCE: “ARE WE READY? CHALLENGES OF THE SOCIETY FACING DIGITAL TRANSFORMATION”, 13-14 April 2023, Tirana, Albania.
159. **A. Avrami.** “*Using students’ multilingual skills in the teaching german language for professional purposes*”. II INTERNATIONAL SYMPOSIUM ON ANGLO-AMERICAN CULTURE AND LITERATURE, 13-15 December 2023, Mardin, Turkiye.
158. **A. Avrami.** “*Aftësitë shumëgjuhësore të studentëve në mësimin e gjuhës gjermane për qëllime profesionale*”. KONFERENCA NDËRKOMBËTARE: “DIDAKTIKA E GJUHËVE DHE KULTURAVE TË HUAJA: NGA POLITIKAT GJUHËSORE NË QASJET PËR NJË KOMPETENCË TË SHUMËGJUHËSISË”, 23-24 Tetor 2023, Tiranë, Albania

157. **A. Brahja**, *Facilitating the Process of Students' ESP Assignment Completion*. 36th INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY STUDIES "RECENT STUDIES AND RESEARCH", ICMS XXXVI, 27-28 October 2023, University of London, London, UK.
156. **A. Brahja**. *Student Attitude towards Professional Experience: Fulfilling Student Needs – A case study*. 36th INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY STUDIES "RECENT STUDIES AND RESEARCH", ICMS XXXVI, 27-28 October 2023, University of London, London, UK.
155. **M. Plaku, M. Enesi, S. Vishkurti**. *Linguistic Contribution of Games to Terminology Acquisition Student's Perspective*". 7TH WORLD CONFERENCE ON FUTURE OF EDUCATION (WCFEDUCATION), 15-17 December 2023, Cambridge, UK.
154. **M. Plaku, M. Shahini, S. Vishkurti**. "Contribution of Incidental Terminology Acquisition Mechanisms on the Acquisition of Engineering Terminology. THE 2ND INTERNATIONAL SYMPOSIUM ON ANGLO-AMERICAN CULTURE AND LITERATURE, 13-15 December 2023, Turkiye.
153. **M. Plaku**, "Some Peculiarities of Word-Formation Mechanisms in the Area of Civil Engineering". THE 6TH INTERNATIONAL CONFERENCE ON TEACHING, LEARNING AND EDUCATION, 10-12 March 2023, Prague, Czech Republic.
152. **A. Brahja**, *Feedback as an important source of a successful class*. 35th INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY STUDIES "RECENT STUDIES AND RESEARCH. 29-30 September 2023, Madrid, Spain.
151. **A. Brahja**. *Activities that reinforce ESP vocabulary acquisition in class*. 35th INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY STUDIES "RECENT STUDIES AND RESEARCH. 29-30 September 2023, Madrid, Spain.
150. **J. Bojaxhi**. "Language contact and language borrowings", 35th INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY STUDIES "RECENT STUDIES AND RESEARCH. 29-30 September 2023, Madrid, Spain.
149. **J. Bojaxhi**. "Problems in translating terms in Informatics and Electronics Engineering textbooks", 35th INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY STUDIES "RECENT STUDIES AND RESEARCH. 29-30 September 2023, Madrid, Spain.
148. **E. Stojani**, "First developments of terminology of mechanical engineering in Albanian language lexical", 35th INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY STUDIES "RECENT STUDIES AND RESEARCH. 29-30 September 2023, Madrid, Spain.
147. **E. Stojani**. "Linguistic calque, an aid for the development of terminology in the field of mechanical engineering in the Albanian language"; 35th INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY STUDIES "RECENT STUDIES AND RESEARCH. 29-30 September 2023, Madrid, Spain
146. **A. Brahja**. *Student engagement in language learning*. 13th ELTA ALBANIA INTERNATIONAL CONFERENCE: "ADJUSTING TO NEW REALITIES IN

EDUCATION AND EXPLORING NEW WAYS OF TEACHING AND LEARNING”.
26-27 September 2023, Tirana, Albania.

145. **A. Brahja.** *Student Approaches to best Assimilate and learn ESP Terms.* 4th INTERNATIONAL SCIENTIFIC AND PRACTICAL CONFERENCE: “INNOVATIVE RESEARCH: SOCIAL SCIENCES AND HUMANITIES”, 20 October 2023, Prague, Czech Republic.
144. **I. Shehu, A. Brahja.** *The importance of translation of engineering terminology in ESP classes and the challenges faced by the lecturers.* 4th INTERNATIONAL SCIENTIFIC AND PRACTICAL CONFERENCE: “INNOVATIVE RESEARCH: SOCIAL SCIENCES AND HUMANITIES”, 20 October 2023, Prague, Czech Republic.
143. **L. Gjata,** “*Foreign language teacher backing up the improvement of Albanian language learning process*”, INTERNATIONAL CONFERENCE “DIDACTICS OF FOREIGN LANGUAGES AND CULTURES: FROM LANGUAGE POLICIES TO APPROACHES FOR MULTILINGUAL COMPETENCE”, 23-24 October 2023, Tirana, Albania.
142. **V. Kanini.** “*Albanian teachers among changes and challenges in teaching ESP courses*”. 35th INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY STUDIES “RECENT STUDIES AND RESEARCH. 29-30 September 2023, Madrid, Spain.
141. **L. Beshaj.** “*Politikat gjuhësore në Bashkimin Europian dhe hartimi i politikave gjuhësore*” INTERNATIONAL CONFERENCE ON FOREIGN LANGUAGES” 21 Shkurt 2023, Instituti Albanologjik ne Prishtine.
140. **L. Beshaj, L. Cadri.** “*Achievements of the Albanian Government in regards to the implementation of the SDG*”, INTERNATIONAL SCIENTIFIC CONFERENCE “CHALLENGES OF THE 17 SUSTAINABLE DEVELOPMENT GOALS” 20-21 September 2023, Tiranë, Albania.
139. L. Dedja, A. Uçi, **S. Vishkurti.** *Vers un apprentissage actif en FLE: entre eclectisme didactique et autonomie de l'apprenant,* 4^e COLLOQUE FRANCOPHONE INTERNATIONAL: FRANCONTRASTE. 26-28 Octobre 2023, Zagreb, Croatie
138. **A. Brahja, I. Shehu.** *Creating an optimal Linguistic Environment with Contemporary Methods in Teaching and Learning ESP.* THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, ICEAS 2022, 17-18 November 2022, Tirana, Albania.
137. **A. Avrami.** *Features of the translation of idioms and phraseological expressions from a foreign language into the albanian language.* THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, ICEAS 2022, 17-18 November 2022, Tirana, Albania.
136. **M. Plaku,** “*Role of technology in learning and teaching Language for specific Reasons Students’ Perspective*”, THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, ICEAS 2022, 17-18 November 2022, Tirana, Albania.

135. **I. Shehu, A. Brahja**, ‘*The importance of terminology in foreign language teaching for engineering students*’, THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, ICEAS 2022, 17-18 November 2022, Tirana, Albania.
134. **J. Bojaxhi**. “*Problems in translating terms in textbooks*”, THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, ICEAS 2022, 17-18 November 2022, Tirana, Albania.
133. **E. Stojani, J. Bojaxhi**. ”*Linguistic calque, an aid for the development of the terminology in the field of mechanical engineering in the Albanian language*”, THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, ICEAS 2022, 17-18 November 2022, Tirana, Albania.
132. **V. Kanini, E. Stojani**. “*ESP teachers amid changes and challenges in teaching the languages of the profession*”; THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, ICEAS 2022, 17-18 November 2022, Tirana, Albania.
131. **J. Bojaxhi, V. Kanini**, “*Problems in translating terms in Informatics and Electronic Engineering textbooks*”, THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, ICEAS 2022, 17-18 November 2022, Tirana, Albania.
130. **F. Vrapì, R. Dida**, *Terms as notions and words with polysemantic meaning according to the field of knowledge and use*, THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, ICEAS 2022, ICEAS 2022, 17-18 November 2022, Tirana, Albania.
129. **M. Enesi**, H. Grillo. *The development of communication skills through technology*, THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, ICEAS 2022, 17-18 November 2022, Tirana, Albania.
128. L. Dedja, **S. Vishkurti**. “*Le traitement de l’erreur comme demarche pédagogique: avantage et inconvenients à travers l’analyse de corpus écrits et oraux*”, 6^E RENCONTRE INTERNATIONALE, LANGUES MOINS DIFFUSÉES ET MOINS ENSEIGNÉES (MODIMES), (6TH INTERNATIONAL MEETING, LESS WIDELY SPOKEN AND LESS TAUGHT LANGUAGES (MODIMES), University of Tirana in collaboration with the University of Poitiers. 20-21 Octobre 2022, Tirana, Albania.
127. **M. Enesi**, Z. Sina. *The use of ICT in Education*. ASES IV, INTERNATIONAL CONFERENCE ON SOCIAL SCIENCES. December 17-19, 2022, Eskisehir, Turkey.
126. **M. Enesi**, A. Trifoni. *Cultural Impact in the Translation of Proverbs from English into Albanian*. 3^D WORLD CONFERENCE ON EDUCATION AND TEACHING. 6-8 May 2022, Budapest, Hungary.
125. H. Grillo, **M. Enesi**. *The role of reading and literature in the students formation*” INTERNATIONAL CONFERENCE ON FOREIGN LANGUAGES EDUCATION AND CULTURE. December 2022, Durrës, Albania.

124. **M. Enesi**, R. Legisi. *The importance of mother tongue in SLA process in Lower secondary Education (Albanian case)*". VIRTUAL INTERNATIONAL ACADEMIC CONFERENCE "TEACHING, LEARNING & E-LEARNING" Czech Institute of Academic Education z.s 11 November 2022, Budapest, Hungary.
123. **M. Enesi**, A. Trifoni. *An Analysis of English Writing Errors of Freshman Students' Essays: The Case of Aleksandër Moisiu University*" ATINER'S 24TH INTERNATIONAL CONFERENCE ON EDUCATION. 16-19 May 2022, Athens, Greece.
122. Xh. Pejtamalli, **F. Vrap**i "Evaluation of earthing systems and improvement of their performance, 15th INTERNATIONAL CONFERENCE ON SOCIAL AND NATURAL SCIENCES-GLOBAL CHALLENGE 2021, 16 June 2021, Brussels, Belgium.
121. **L. Beshaj**, M. Zacellari "Challenges of Albanian higher education in providing effective online learning in time of Covid-19 pandemic/ A case study based on the development of Cultural Studies in Business course" INTERNATIONAL SCIENTIFIC CONFERENCE "A NEW PERSPECTIVE FOR UNIVERSITIES IN EUROPE. THE ALBANIAN PROCESS 2020" 24-25 November 2020, Tirana, Albania.
120. H. Grillo, **M. Enesi**. *The role of mother tongue subject in Pre-university education curricula*", THE FIRST INTERNATIONAL CONGRESS OF PEDAGOGICAL RESEARCH (ICOPR-2020), June 24-26, 2020 Düzce, Turkey.
119. **F. Vrap**i "ESP Experience and Teaching at Polytechnic University of Tirana"-INTERNATIONAL CONFERENCE ON RECENT SOCIAL STUDIES AND RESEARCH, 25-26 October 2019, Rome, Italy.
118. **L. Beshaj**, A. Ngjeliu, L. Çadri. "Analysis of the Cultural Aspect in Business within Economics Study Programs at Albanian Universities". 2ND INTERNATIONAL SCIENTIFIC CONFERENCE ON "INTERNATIONAL CONFERENCE IN THE FIELD OF JUSTICE, ECONOMIC AND SOCIAL SCIENCES", 9-10 May 2019, Tirana, Albania.
117. **M. Enesi**, A. Trifoni. 'The importance of using Zoom platform online Versus traditional classroom learning'. 15TH INTERNATIONAL CONFERENCE DISCO 2020: ACTIVE LEARNING IN DIGITAL ERA: HOW DIGITAL TOOLS PROMOTE A CONSCIOUS, OPEN-MINDED, CREATIVE AND SOCIAL-ORIENTED THINKING, June 22-23, 2019 Prague, Czech Republic.
116. **M. Enesi**, E. Strati, *Lexicographic Reflection of Leech's Seven Types of Meanings in English Albanian and Albanian-English Dictionaries*. INTERNATIONAL CONFERENCE THE FUTURE OF EDUCATION, June 27-28, 2019, Florence, Italy.
115. E. Strati, **M. Enesi**, *Syntactic Properties of Legal Language in English and Albanian*". INTERNATIONAL CONFERENCE THE FUTURE OF EDUCATION, June 27-28, 2019, Florence, Italy.

114. E. Gjergo, E. Strati, **M. Enesi**. *Lexical implications of Albania negative speakers in using legal English as a foreign language*. 4TH INTERNATIONAL CONFERENCE ON LINGUISTICS, LITERATURE & EDUCATION, September 11, 2019. Pristina, Kosovo.
113. **M. Enesi**. H. Grillo. *Typology of Foreign Languages and Their Certification*. 4th INTERNATIONAL CONFERENCE ON FOREIGN LANGUAGE EDUCATION AND CULTURE. 7 June 2019, Durrës, Albania.
112. **M. Enesi**, S. Samarxhi. *The importance of TEFL in Higher Education Albania and its influence on Globalization*. INTERNATIONAL INTERDISCIPLINARY CONFERENCE "SOCIAL INSTITUTIONS IN CONTEMPORARY SOCIETY". 15-16 November 2019, Durrës, Albania.
111. **M. Enesi**, H. Grillo. *Typology of Foreign Languages Acquisition and their certification*. 4th INTERNATIONAL CONFERENCE ON FOREIGN LANGUAGE EDUCATION AND CULTURE. 7 June 2019, Durrës, Albania.
110. **M. Enesi**, E. Strati, *Challenges of Teaching the English Language for Information Technology (IT)*, THE 4th INTERNATIONAL CONFERENCE ON LINGUISTICS, LITERATURE AND EDUCATION, September 7, 2019, Pristina, Kosovo.
109. **L. Gjata**, F. Gjata, "The cultural error in translating human sciences works: a concrete case in an interdisciplinary field", COLLOQUE INTERNATIONAL EN COOPÉRATION AVEC L'UNIVERSITÉ DE LORRAINE ET L'UNIVERSITÉ DE SCIENCES APPLIQUÉES ZWICKAU "L'ERREUR CULTURELLE EN TRADUCTION", 22-24 Mars 2018, Université de Valenciennes et du Hainaut-Cambrésis, France.
108. **F. Vrap**i "Interferences and Cross linguistics Similarities among Languages into Language Acquisition and Performance with Students of English" 16th INTERNATIONAL CONFERENCE ON SOCIAL SCIENCE, 23-24 November 2018, Paris, France.
107. **L. Beshaj**. 'Some factors hindering the teaching and the acquisition of the English language in higher education" 17TH SCIENTIFIC CONFERENCE "THE TEACHERS OF THE FUTURE", 24-27 May 2018, Budva, Montenegro.
106. **L. Beshaj**. "Student Organization and Classroom Management" FIFTH INTERNATIONAL CONFERENCE ON TEACHING, EDUCATION, AND LEARNING, November 23, 2018, Durrës, Albania.
105. **F. Vrap**i, **E. Stojani** *Appraisal and Hints on "Career Paths" Series, ESP Engineering Books Developed at PUT of Tirana*", 12th INTERNATIONAL CONFERENCE ON SOCIAL SCIENCES", 19-20 May 2017, Amsterdam, Netherlands.
104. **E. Stojani**, **F. Vrap**i *The use of Terminological Lexicon in Making Phraseological Units*, "12th INTERNATIONAL CONFERENCE ON SOCIAL SCIENCES", 19-20 May 2017, Amsterdam, Netherlands.
103. R. Teneqexhi, M. Qirko, G. Sharko, **F. Vrap**i, L. Kuneshka *Scanner Based Assesment in Exams Organized with personalized Thesis Randomly generated via*

Summary of Research and Scientific Activity

©2025 Faculty of Mathematical Engineering & Physical Engineering - Polytechnic University of Tirana

Microsoft Word, INTERNATIONAL CONFERENCE E-LEARNING 2017, Jul 20-22, 2017, Lisbon, Portugal.

102. **J. Bojaxhi.** “*The acquisition of intercultural skills through the learning of foreign languages*”. THE 2ND INTERNATIONAL CONFERENCE: EDUCATION AND CULTURAL HERITAGE, 04 November 2017, Brussels, Belgium.
101. **J. Bojaxhi.** “*The concepts of intercultural learning in foreign languages in Albania*” THE 2ND INTERNATIONAL CONFERENCE: EDUCATION AND CULTURAL HERITAGE, 04 November 2017, Brussels, Belgium.
100. **A. Brahja.** “*ESP usage by Lecturers of Engineering Fields of Study*”. THE 2ND INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania.
99. **I. Shehu,** ‘*Issues on translating engineering terms/materials from English to Albanian*’ THE 2ND INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania.
98. **L. Gjata,** «*The benefits of working with bilingual material in specialized technical reading tasks*», THE 2ND INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania.
97. **V. Kanini.** “*Needs, challenges, expectations and problems of students studying ESP at PUT*”, THE 2ND INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania.
96. **S. Vishkurti,** A. Spahiu. “*Conceptual Schemas and Their Role in Language Learning for Specific Purposes*” THE 2ND INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania.
95. **F. Vrapì, E. Stojani,** *Thoughts about translating the adaption of some idioms and phraseological expressions into foreign language,* THE 2ND INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania
94. **E. Stojani, F. Vrapì,** *Neologisms and linguistics bays as a significant contributor in the development of the terminology in the field mechanical engineering in the Albanian language,* THE 2ND INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania
93. **J. Bojaxhi, F. Vrapì,** *The concept of pedagogical intercultural in ESP,* THE 2ND INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania
92. **S. Vishkurti,** *Poster making and its role in French language teaching at a university context,* THE 2ND INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania.
91. **L. Gjata,** “*The positive aspects of translating the bilingual document in the technical reading duty*”, THE 2ND INTERNATIONAL CONFERENCE ON

ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania

90. **L. Gjata**, *Le langage courant vers une présence accrue dans les traductions contemporaines en albanais*, CONFÉRENCE INTERNATIONALE «ENSEIGNEMENT DU/EN FRANÇAIS EN CONTEXTE UNIVERSITAIRE : MÉTHODOLOGIES ET PRATIQUES INNOVANTES», 26 Mai 2017, Tirane, Albania.
89. **E. Stojani**. “*The influence of French and Italian on the enrichment of mechanical engineering vocabulary*”. INTERNATIONAL CONFERENCE "TEACHING FRENCH/IN FRENCH IN THE UNIVERSITY CONTEXT: INNOVATIONS IN METHODOLOGY AND PRACTICE", 26 May 2017, Tiranë, Albania.
88. **S. Vishkurti**. “*Apprendre le Français a travers l'image*”, TABLE RONDE POUR LE FRANÇAIS", LE PRINTEMPS DE LA FRANCOPHONIE, 24 Mars 2017, Tirana, Albania.
87. **L. Gjata**, «*Le compte rendu textuel et la reprise en compte d'un exercice utile*», CONFÉRENCE INTERNATIONALE “50 ANS D'ENSEIGNEMENT ET DE RECHERCHE AU DÉPARTEMENT DE FRANÇAIS DE L'UNIVERSITÉ DE TIRANA”, 5 Mai 2016, Tirana, Albania.
86. **S. Vishkurti**, M. Parllaku “*Pour une demarche comparative dans l'enseignement de la grammaire en langue maternelle: cas d'etudiants de la filiere FLE*”, CONFÉRENCE INTERNATIONALE “50 ANS D'ENSEIGNEMENT ET DE RECHERCHE AU DÉPARTEMENT DE FRANÇAIS DE L'UNIVERSITÉ DE TIRANA”, UT. 5 Mai 2016, Tirana, Albania.
85. **E. Stojani**. “*The integration of Italian and French in the terminological lexicon of Mechanical Engineering*”; CONFÉRENCE INTERNATIONALE “50 ANS D'ENSEIGNEMENT ET DE RECHERCHE AU DÉPARTEMENT DE FRANÇAIS DE L'UNIVERSITÉ DE TIRANA”, UT. 5 Mai 2016, Tirana, Albania.
84. M. Zaccari, **L. Beshaj**, *The volume of semantic structure regarding the denomination of human body parts in the Dictionary of the Albanian Language of 2006*”. SECOND INTERNATIONAL CONFERENCE “CROSSROADS OF FOREIGN LANGUAGES, LINGUISTICS, LITERATURE, DIDACTICS”, 15-16 May 2016, Durrës, Albania.
83. **S. Vishkurti**. “*Les supports visuels comme source d'apprentissage en cours de FLE*”, CONFÉRENCE INTERNATIONALE : "APPROCHE PAR COMPÉTENCES – COMPOSANTE ESSENTIELLE DE LA RÉFORME DU SYSTÈME ÉDUCATIF", Universitatea Pedagogică de Stat «Ion Creangă», 15 Décembre 2016, Chisinau, Moldova.
82. **M. Enesi**, E. Gjergo. *Characteristics of English negative prefixes and their role in forming antonymic pairs*, 2nd INTERNATIONAL CONFERENCE: CROSSROADS OF FOREIGN LANGUAGES LINGUISTICS, LITERATURE, DIDACTICS. 15-16 May 2015, Durrës, Albania.

81. E. Gjergo, **M. Enesi**. *The relationship of antonymy and polysemy, as a lexico-semantic occurrence, in English and Albanian adjectives and verbs*. 2nd INTERNATIONAL CONFERENCE: CROSSROADS OF FOREIGN LANGUAGES LINGUISTICS, LITERATURE, DIDACTICS. 15-16 May 2015, Durrës, Albania.
80. **L. Beshaj**, A. Sherko. *Compound nouns in English and Albanian*, "1ST ICELL INTERNATIONAL CONFERENCE ON ENGLISH LANGUAGE AND LITERATURE", November 21, 2015, Tirana, Albania.
79. **L. Beshaj**. "*Phraseological synonymy and some translation problems encountered in the process of translation from English into Albanian*". INTERNATIONAL CONFERENCE "INSPIRING AND EMPOWERING STUDIES IN ENGLISH LANGUAGE TEACHING, BRITISH AND AMERICAN STUDIES", 21-22 May 2015, Tiranë, Albania.
78. **L. Beshaj**. "*Some issues related to the ambiguity in linguistics in English and Albanian*" INTERNATIONAL CONFERENCE: INSPIRING AND EMPOWERING STUDIES IN ENGLISH LANGUAGE TEACHING, BRITISH AND AMERICAN STUDIES, 21-22 May 2015, Tiranë, Albania.
77. **L. Beshaj**, S. Leka. "*The application of bilingual language acquisition strategies in Albania*" INTERNATIONAL CONFERENCE, "1ST ICELL INTERNATIONAL CONFERENCE ON ENGLISH LANGUAGE AND LITERATURE", November 21, 2015, Tirana, Albania.
76. **L. Beshaj**, I. Sedja. "*The significance of themes and motifs in Jane Eyre characterizing Victorian England as a feminist literary work*", INTERNATIONAL CONFERENCE, "1ST ICELL INTERNATIONAL CONFERENCE ON ENGLISH LANGUAGE AND LITERATURE", November 21, 2015, Tirana, Albania.
75. **L. Beshaj**, A. Volumi. "*Complexities of black femme identity, articulated and delineated in "Sula" allures Albanian readers*" INTERNATIONAL CONFERENCE, "1ST ICELL INTERNATIONAL CONFERENCE ON ENGLISH LANGUAGE AND LITERATURE", November 21, 2015, Tirana, Albania.
74. **L. Beshaj**. "*Phraseological Units Formed with Metaphor and Their Stylistic Use*" INTERNATIONAL SCIENTIFIC CONFERENCE "LINGUISTIC RESEARCH IV". 10 July 2015, Tirana, Albania.
73. **L. Beshaj**. *Phraseology as a stylistic feature in the works of Kuteli*. SECOND INTERNATIONAL CONFERENCE: CROSSROADS OF FOREIGN LANGUAGES, LINGUISTICS, LITERATURE, DIDACTICS, 15-16 May 2015, Durrës, Albania.
72. **L. Beshaj**. "*Private universities, a growing trend in the higher education system in Albania, aiming high standards in teaching and learning*". THE 7TH EUROPEAN CONFERENCE ON LANGUAGES, LITERATURE AND LINGUISTICS, 14 June 2015, Vienna, Austria.
71. **L. Beshaj**. "*Teaching English for specific purpose to students of Tirana University in Albania*" THE 8th INTERNATIONAL CONFERENCE ON EUROPEAN CONFERENCE ON LANGUAGES, LITERATURE AND LINGUISTICS", 3 September 2015, Vienna, Austria.

70. **A. Brahja.** *Using Qualitative ESP Methodology–A Case Study.* THE 7TH EUROPEAN CONFERENCE ON LANGUAGES, LITERATURE AND LINGUISTICS. 14 June 2015, Vienna, Austria.
69. **A. Brahja,** *ESP- A new experience for the engineering students in Albania,* THE 7TH EUROPEAN CONFERENCE ON EDUCATION AND APPLIED PSYCHOLOGY, May 31, 2015, Vienna, Austria.
68. **I. Shehu.** *Issues of teaching terms in the field of telecommunication in English and Albanian language.* PROCEEDINGS OF THE FOURTH INTERNATIONAL CONGRESS ON SOCIAL SCIENCES AND HUMANITIES, EAST-WEST ASSOCIATION FOR ADVANCED STUDIES AND HIGHER EDUCATION GMBH, 2 APRIL 2015, Vienna, Austria.
67. **A. Brahja,** M. Paci, *ESP Students' Role in Enhancing Motivation in class.* INTERNATIONAL CONFERENCE: "SCHOLARLY EXPLORATIONS OF ENGLISH LANGUAGE AND CULTURE", 30-31 May 2014, Tirana, Albania.
66. **V. Kanini.** *"The selection of texts in teaching ESP".* INTERNATIONAL CONFERENCE: "SCHOLARLY EXPLORATIONS OF ENGLISH LANGUAGE AND CULTURE", 30-31 May 2014, Tirana, Albania.
65. **L. Gjata, F. Gjata,** *"Extension of the current register's "ground" as a novelty in the contemporary literary Translation",* 2ND INTERNATIONAL CONFERENCE ON TRANSLATION AND INTERPRETING STUDIES: TRANSLATA II: "TRANSLATION STUDIES & TRANSLATION PRACTICE", UNIVERSITY OF INNSBRUCK, October 30 – November 1, 2014, Austria.
64. **S. Vishkurti.** *L'approche par les tâches dans l'enseignement du FLE à l'Université,* CONFERENCE : VERS UN MEILLEUR FUTUR DE LA FRANCOPHONIE : PRATIQUES ET DÉMARCHES POUR ASSURER LA QUALITÉ DE L'ENSEIGNEMENT/APPRENTISSAGE DU FRANÇAIS LANGUE ÉTRANGÈRE», 28 Mars 2014, Tiranë, Albania.
63. **S. Vishkurti,** M. Paci. *"Actionable perspectives in designing a foreign language curriculum for specific purposes at the Polytechnic University of Tirana",* IX ANNUAL INTERNATIONAL MEETING OF INSTITUTE ALB-SHKENCA "SCIENCE – AN IMPORTANT FACTOR IN SUSTAINABLE SOCIO-ECONOMIC DEVELOPMENT", 29-31 August 2014, Prishtinë, Kosovo.
62. **S. Vishkurti,** E. Nasufi, E. Axenti, L. Zbant. *Impact d'un projet francophone sur l'enseignement du FLE/FOS en Albanie,* COLLOQUE INTERNATIONAL : "LE DISCOURS SPÉCIALISÉ : THÉORIE ET PRATIQUE", 24-26 Octobre 2014, Galati, Roumanie.
61. **M. Shahini,** V. Memisha. *Parallels and distinctions in the affixation system, of words with negative meaning affixes in English and Albanian.* INTERNATIONAL CONFERENCE "SCHOLARLY EXPLORATIONS OF ENGLISH LANGUAGE AND CULTURE". 30 - 31 May 2014, Tirana, Albania.
60. **M. Shahini,** K Leka, S. Samarxhi. *The effect of teaching word formation theory to CPE students.* THE 2ND INTERNATIONAL CONFERENCE ON "RESEARCH AND

EDUCATION – CHALLENGES TOWARD THE FUTURE”, ICRAE 2014, 30 – 31 May 2014, Shkodër, Albania.

59. S. Dervishi, **M. Shahini**. “*Translation criticism through literary expounding. Case Study: The “Waste Land” by T.S. Eliot*”. INTERNATIONAL CONFERENCE: "PLURILINGUALISM IN HIGHER EDUCATION", May 9-10, 2014, Elbasan, Albania
58. S. Samarxhiu, **M. Enesi**. *The Use of Nominal Predicate in English and Albanian* INTERNATIONAL CONFERENCE “SCHOLARLY EXPLORATIONS OF ENGLISH LANGUAGE AND CULTURE”. 30 - 31 May 2014, Tirana, Albania.
57. M. Paci, **A. Brahja**. *English Learner Needs Analysis. A Case Study of Polytechnic University of Tirana (PUT)*. THE INTERNATIONAL CONFERENCE: “SCHOLARLY EXPLORATIONS OF ENGLISH LANGUAGE AND CULTURE”, 30-31 May 2014, Tirana, Albania.
56. **S. Vishkurti**. *L'évolution des méthodologies de l'enseignement du FLE/FOS à l'Université Polytechnique de Tirana*, COLLOQUE SCIENTIFIQUE INTERNATIONAL „ACTUALITÉS DANS L'ENSEIGNEMENT DES LANGUES DANS UN CONTEXTE PLURIDISCIPLINAIRE”, Univ. d'Etat "Alecu Russo" de Bălți, 29 Mars 2013, Université d'État «Alecu Russo», Moldavia.
55. **S. Vishkurti**. *Devenir concepteur de cours en français langue professionnelle: quels enjeux et défis?* COLLOQUE INTERNATIONAL: «PROBLEMES DE DIDACTIQUE ET DE GRAMMAIRE DE LANGUES », 26 Avril 2013, Université d'État de Moldavie, Chişinău, Moldavie.
54. **S. Vishkurti**, L. Buza. *The role of written communication in the professional field*, VIIITH ANNUAL INTERNATIONAL MEETING OF INSTITUTE ALB-SHKENCA "THE CHALLENGES OF HARMONIZING HIGHER EDUCATION AND SCIENTIFIC RESEARCH IN ALBANIAN-SPEAKING TERRITORIES", 29-31 August 2013, Tirana, Albania.
53. **F. Vrapı**, *Opportunities for the Foreign Language Centre of PUT as the response to the Current Change and Orientations regarding Foreign Languages*, "Foreign Languages in Changing Times", IV INTERNATIONAL SCIENTIFIC CONFERENCE, 24-25 October 2013, Bratislava, Slovakia.
52. **A. Brahja**, *ESP Vocabulary Teaching and Learning, Comparing the Language Teacher and Language Learning on the Internet*. “3rd INTERNATIONAL CONFERENCE ON HUMAN AND SOCIAL SCIENCES”, 20-22 September 2013, Rome, Italy.
51. **V. Kanini**. *Needs analysis of learning foreign language for students who study at the Faculty of Geology and Mining*; 1ST INTERNATIONAL CONFERENCE ON LANGUAGE RESEARCH, Albanological Studies Centre, Tirana, 04 July 2013, Tirana, Albania.
50. **M. Shahini**, V. Memisha. “*Dukuri të përkthimit të fjalëve me ndajshtesa me kuptim keqësues nga Anglishtja në Shqip*”, INTERNATIONAL SCIENTIFIC

CONFERENCE "LINGUISTIC RESEARCH". Qendra e studimeve albanologjike, Instituti i gjuhësisë dhe i letërsisë. 31 Maj 2013 Tiranë, Albania.

49. **M. Shahini.** "Lexicographic reflection of negatively affixed words in bilingual dictionaries. INTERNATIONAL CONFERENCE "ACROSS AND BEYOND ENGLISH LANGUAGE TEACHING-LINGUISTICS, LITERATURE, DIDACTICS". 5-6 April 2013, Durrës, Albania.
48. **I. Shehu.** *Vështrim i anglicismave në gjuhën shqipe.* COLLOQUE INTERNATIONAL "LANGUES ET METIERS, LANGUES ET COUTUMES". Universite de Tirana, Faculte des Langues Etrangeres, Departement de Francais, 18 Mars 2013, Tirana, Albania.
47. **E. Stojani, F. Vrap** *Evolution de plurilinguisme a l'Universite Polytechnique de Tirana,* INTERNATIONAL CONFERENCE "XXe CONGRES DU RASSEMBLEMENT NATIONAL DE CENTRES DE LANGUES DE L'ENSEIGNEMENT SUPERIEUR", 29 November-1 December 2012, The University of Reims, Champagne-Ardenne, France.
46. **F. Vrap** *New Changes-New Challenges for the Centre of Foreign Languages at PUT.* INTERNATIONAL CONFERENCE: "THE MANY LANGUAGES OF EUROPE, A WEALTH TO PRESERVE," 9 November 2012, PUT, Tirana, Albania.
45. L. Buza, **F. Vrap** *The Role of the English Language in the Education of Physical Engineering Students,* INTERNATIONAL CONFERENCE: "THE MANY LANGUAGES OF EUROPE, A WEALTH TO PRESERVE," 9 November 2012, PUT, Tirana, Albania.
44. **F. Vrap**, A. Duro *Problems of Specialized Speech and Application of the teaching Process of Foreign Languages and Translation* INTERNATIONAL CONFERENCE: "THE MANY LANGUAGES OF EUROPE, A WEALTH TO PRESERVE," 9 November 2012, PUT, Tirana, Albania.
43. **F. Vrap**, L. Buza, *Urban environmental management framework towards a sustainable development in Albania,* INTERNATIONAL CONFERENCE "TOWARDS SUSTAINABLE DEVELOPMENT", 16-17 November 2012, Shkoder, Albania.
42. **A. Avrami,** "The Perspective on Difficulties in Acquiring Foreign Languages", INTERNATIONAL CONFERENCE: "THE MANY LANGUAGES OF EUROPE, A WEALTH TO PRESERVE," 9 November 2012, PUT, Tirana, Albania
41. E. Nasufi, **S. Vishkurti.** *Le profil de l'apprenant et de l'enseignant de la langue étrangère après les années '90: le cas de l'enseignement/apprentissage du FLE",* INTERNATIONAL CONFERENCE, "ALBANIA AND FRANCE: CROSSED PERSPECTIVES AND WRITINGS," September 20, 2012, Tirana, Albania.
40. **A. Avrami** "From the Literary Creativity of De Rada and Naim Frashëri", INTERNATIONAL CONFERENCE, "ALBANIA AND FRANCE: CROSSED PERSPECTIVES AND WRITINGS," September 20, 2012, Tirana, Albania
39. **S. Vishkurti.** *Education au plurilinguisme en contexte albanais: enjeux et perspectives,* I CONGRESO INTERNACIONAL HISPANO-ALBANÉS: ÁMBITO

Summary of Research and Scientific Activity

©2025 Faculty of Mathematical Engineering & Physical Engineering - Polytechnic University of Tirana

FILOLÓGICO INTERNACIONAL, HISTORIA Y CULTURA ESPAÑOLA CONTEMPORÁNEA, 2-3 Abril 2012, Tirane, Albania.

38. **S. Vishkurti**, L. Dedja. *L'analyse de la cohérence dans les textes spécialisés*, COLLOQUE INTERNATIONAL: «ENSEIGNER LA GRAMMAIRE», 15-16 novembre 2012, Paris, France.
37. **S. Vishkurti**, E. Nasufi. *Les TIC dans l'apprentissage du français de spécialité: cas d'étudiants albanais de filières professionnelles*, COLLOQUE SCIENTIFIQUE INTERNATIONAL, Universitatea Pedagogică de Stat „Ion Creangă”, 22 Novembre 2012, Chişinău, Moldova.
36. **S. Vishkurti**. *Vlerësimi si mjet për rritjen e aftësive në gjuhë të huaj*, INTERNATIONAL CONFERENCE: “DIDATTICA DELLA LITTERATURA ITALIANA”, 24-25 February 2012, Elbasan, Albania.
35. **S. Vishkurti**, M. Paci. *Consolidation of written communication skills through transfer from english to french*, INTERNATIONAL CONFERENCE: “CHALLENGES TO ENGLISH LANGUAGE STUDIES”, 1-2 June 2012, Tiranë, Albania.
34. **S. Vishkurti**. *The role of culture and communication in teaching the language for specific purposes*. SCIENTIFIC CONFERENCE: "FROM THEORY TO PRACTICE: ISSUES OF LANGUAGE, CULTURE, AND COMMUNICATION", 29 June 2012, Tiranë, Albania.
33. **S. Vishkurti**. *Vendi i vetëvlerësimit në zotërimin e gjuhës së huaj për qëllime specifike*, INTERNATIONAL CONFERENCE: “THE MANY LANGUAGES OF EUROPE, A WEALTH TO PRESERVE,” 9 November 2012, PUT, Tirana, Albania.
32. **S. Vishkurti**. *A Study of Albanian Advertising Between the Two World Wars*, SEVENTH INTERNATIONAL ANNUAL MEETING OF “ALB-SHKENCA” INSTITUTE “IASH 2012”: “Pan-Albanian Scientific Thought at the Threshold of the Second Century of National Independence: Achievements, Tasks, Strategies”, August 29-31, 2012, SKOPIA, FYROM.
31. **I. Shehu**. “Anglicisms in textbooks in the field of telecommunications engineering.”. INTERNATIONAL CONFERENCE: “THE MANY LANGUAGES OF EUROPE, A WEALTH TO PRESERVE,” 9 November 2012, PUT, Tirana, Albania.
30. **J. Bojaxhi**. “The importance of non-specialists understanding certain terms”, INTERNATIONAL CONFERENCE: “THE MANY LANGUAGES OF EUROPE, A WEALTH TO PRESERVE,” 9 November 2012, PUT, Tirana, Albania.
29. **A. Brahja**. *Difficulties encountered when acquiring ESP language vocabulary*. INTERNATIONAL SCIENTIFIC CONFERENCE: “CHALLENGES TO ENGLISH LANGUAGE STUDIES,” 1-2 June 2012, Tirana, Albania.
28. **A. Brahja**. *Language activities used by students to build ESP vocabulary*. INTERNATIONAL CONFERENCE ON "TOWARDS FUTURE SUSTAINABLE DEVELOPMENT", 16 - 17 November 2012, Shkoder, Albania.

27. **A. Brahja.** *The Importance of Tasks in Expanding Language Vocabulary for Specific Purposes.* INTERNATIONAL CONFERENCE: "THE MANY LANGUAGES OF EUROPE, A WEALTH TO PRESERVE," 9 November 2012, PUT, Tirana, Albania.
26. **V. Kanini.** "The impact of improving foreign languages in the process of reformation"; INTERNATIONAL CONFERENCE: "THE MANY LANGUAGES OF EUROPE, A WEALTH TO PRESERVE," 9 November 2012, PUT, Tirana, Albania.
25. **F. Vrapì,** E. Tabaku *Developments in the Foreign Languages Center Over the Years,* NATIONAL CONFERENCE ON "ADVANCED STUDIES IN MATHEMATICAL, PHYSICAL, AND CHEMICAL ENGINEERING", October 28, 2011, Tirana, Albania.
24. **F. Vrapì,** Sh. Qatipi *Features of the Common European Framework of Reference for Languages (CEFR),* NATIONAL CONFERENCE ON "ADVANCED STUDIES IN MATHEMATICAL, PHYSICAL AND CHEMICAL ENGINEERING", October 28, 2011, Tirana, Albania.
23. Sh. Qatipi, **F. Vrapì** *Why has academic writing become a challenge for us?,* NATIONAL CONFERENCE ON "ADVANCED STUDIES IN MATHEMATICAL, PHYSICAL AND CHEMICAL ENGINEERING". October 28, 2011, Tirana, Albania.
22. **M. Shahini,** V Memisha. *Affixed words with derogatory meaning in English Albanian and Albanian English dictionaries,* 2ND INTERNATIONAL CONFERENCE ON HUMAN AND SOCIAL SCIENCES", ICHSS 2012, March 23-24, 2012, Tirana, Albania.
21. **M. Shahini,** V. Memisha, O. Xhina. "Comparison of words with pejorative meaning from English to Albanian in Pavli Qesku's dictionary". INTERNATIONAL CONFERENCES "CHALLENGES TO ENGLISH LANGUAGE STUDIES", June 2012 Tirana, Albania.
20. O. Xhina, **M. Shahini.** *The acquisition of Italian Borrowings in the English language by the Albanian students of English language*" INTERNATIONAL CONFERENCE ON "TOWARDS FUTURE SUSTAINABLE DEVELOPMENT", 16 - 17 November 2012, Shkoder, Albania.
19. **M. Shahini,** V. Memisha, "Affixed Words with Derogatory Meaning in English-Albanian and Albanian-English Dictionaries". 2nd INTERNATIONAL CONFERENCE ON HUMAN AND SOCIAL SCIENCES(ICHSS), March 23-24 2012, Tiranë, Albania.
18. **S. Vishkurti,** F. Baze. *The issue of teaching French for professional purposes at PUT,* NATIONAL CONFERENCE ON "ADVANCED STUDIES IN MATHEMATICAL, PHYSICAL AND CHEMICAL ENGINEERING". October 28, 2011, Tirana, Albania.
17. E. Tabaku, **F. Vrapì** *Difficulties First-Year Students Face Regarding Learning,* NATIONAL CONFERENCE ON "ADVANCED STUDIES IN MATHEMATICAL,

PHYSICAL, AND CHEMICAL ENGINEERING", October 28, 2011, Tirana, Albania.

16. **A. Brahja**. *Positive and Negative Aspects of Individual, Pair, and Group Work in English Language Teaching*. NATIONAL CONFERENCE ON "ADVANCED STUDIES IN MATHEMATICAL, PHYSICAL, AND CHEMICAL ENGINEERING", October 28, 2011, Tirana, Albania.
15. **V. Kanini**. "A curricular reform of English for Specific Purposes", NATIONAL CONFERENCE ON "ADVANCED STUDIES IN MATHEMATICAL, PHYSICAL, AND CHEMICAL ENGINEERING", Tirana, October 28, 2011, Albania.
14. **M. Shahini**, V. Memisha. *Linguistic Relativity Occurrences Between English and Albanian*". FIRST INTERNATIONAL CONFERENCE ON LANGUAGE, LITERATURE AND CULTURAL STUDIES "THE SAID AND THE UNSAID", 11-13 September 2010, Vlorë, Albania.
13. **M. Shahini**. *Some Prefixation Issues in English and Albanian Languages*. THE 10TH INTERNATIONAL LANGUAGE, LITERATURE AND STYLISTICS SYMPOSIUM, 3-5 November 2010, Ankara, Turkey.
12. **M. Shahini**. *Prefixes with negative meaning in English language in comparison with their equivalents in Albanian language*. THE 10TH INTERNATIONAL LANGUAGE, LITERATURE AND STYLISTICS SYMPOSIUM, 3-5 November 2010, Ankara, Turkey.
11. A. Trifoni, **M. Shahini**. "Various ways of assessment and the way they integrate in the teaching process". The 6TH INTERNATIONAL CONFERENCE ON EDUCATION, 8-10 July 2010, Samos Island, Greece.
10. **M. Shahini**, A. Trifoni. "Various techniques of testing and their implementation in the English language acquisition process". The 6TH INTERNATIONAL CONFERENCE ON EDUCATION, 8-10 July 2010, Samos Island, Greece.
9. A. Trifoni, **M. Shahini**. "The impact of text anxiety on student's learning". 1ST INTERNATIONAL CONFERENCE "CHALLENGES OF EDUCATION IN THE GLOBAL WORLD: KNOWLEDGE, POLICIES, AND PRACTICES. 14-15 May 2010, Durrës, Albania.
8. **M. Shahini**, V. Memisha, A. Trifoni. *Teaching and learning in a class of different cultural backgrounds and levels of English*. 1ST INTERNATIONAL CONFERENCE "CHALLENGES OF EDUCATION IN THE GLOBAL WORLD: KNOWLEDGE, POLICIES, AND PRACTICES. 14-15 May 2010, Durrës, Albania.
7. **S. Vishkurti**. *Problématique de l'apprentissage de l'argumentation écrite : cas d'étudiants de FLE*, CONFÉRENCE INTERNATIONALE "APPROCHES LINGUISTIQUES ET DIDACTIQUES DU TEXTE", 14 December 2010, Tiranë, Albania.
6. **S. Vishkurti**, L. Hasimi, *L'approche réflexive dans l'apprentissage du FLE*, CONFÉRENCE INTERNATIONALE: «DISCOURS, INTERACTION ET PRAGMATIQUE», 7 May 2010, Tiranë, Albania.

5. **S. Vishkurti.** *Place du français dans le système éducatif albanais*, COLLOQUE INTERNATIONAL: «LE FRANÇAIS DE DEMAIN : ENJEUX EDUCATIFS ET PROFESSIONNELS», 28-30 Octobre 2010, Sofia, Bulgaria.
4. **S. Vishkurti**, L. Dedja. *The issue of using the Internet as a teaching tool in schools*, INTERNATIONAL CONFERENCE: "RAISING INTERCULTURAL LEVEL: A NECESSITY FOR ALBANIAN SOCIETY", 8-10 December 2010, Tiranë, Albania.
3. A. Duro, **F. Vrap**i *Features of Terms in Source Language from English to Albanian: "State and Development of Albanian Terminology, Problems and Tasks"* SCIENTIFIC CONFERENCE OF THE ACADEMY OF SCIENCES OF ALBANIA AND THE ACADEMY OF SCIENCES AND ARTS OF KOSOVO, Tirana 2009, Albania.
2. **S. Vishkurti.** *Vers une autonomie d'apprentissage en FOS*, CONFÉRENCE INTERNATIONALE: « LANGUES, EDUCATION ET INTERCULTURALITE », 23 Avril 2009. Tirane. Albania.
1. **S. Vishkurti**, *Le rapport éducation-société et sa problématique dans la réalité albanaise*, PROGRAMME «PESTALOZZI» : PLURILINGUISME, DIVERSITE, CITOYENNETE », 7-9 Novembre 2008, Tirane, Albania.

BOTIME NË PROCEEDINGS TË KONFERENCAVE – PAPERS

PUBLISHED IN PROCEEDINGS OF CONFERENCES

102. **V. Kanini**, *The pedagogical approach and teacher's role in Esp Teaching*. PROCEEDINGS OF THE 3rd INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE, November 22-23, 2024, Bahce, Osmaniye, Turkey. pp. 145-150. ISBN: 978-625-367-971-2.
101. **A. Brahja, A. Avrami, I. Shehu.** *Acquiring Fluency in an ESP Context – a case Study*. PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON SCIENTIFIC AND INNOVATION RESEARCH–III, May 3-5, 2024, Sivas, Turkiye. Vol. 2, pp. 922-929. ISBN: 978-625-367-720-6.
100. **A. Avrami.** *The impact of technology in learning german*. PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON SCIENTIFIC AND INNOVATION RESEARCH–III, May 3-5, 2024, Sivas, Turkiye. pp. 667-672. ISBN: 978-625-367-720-6.
99. O. Begu, **A. Brahja**, *The use of Artificial Intelligence in Education and the Impact it has on Students*. INTERNATIONAL CONFERENCE ON SCIENTIFIC AND INNOVATION RESEARCH–III, May 3-5, 2024, Sivas, Turkiye. pp. 960-968. ISBN: 978-625-367-720-6.
98. **I. Shehu, A. Brahja.** *The challenges of adapting and spelling words of English origin into the Albanian language*. PROCEEDINGS OF THE INTERNATIONAL SCIENTIFIC CONFERENCE “MULTILINGUALISM IN THE EU-LINGUISTIC,

CULTURAL AND SOCIAL ISSUES” 09 May, 2024, Tirana, Albania. pp. 126-133, ISBN 9789928474438.

97. **A. Avrami**, *The Role of Technology in Teaching The German Language For Professional Purposes*, PROCEEDINGS OF THE INTERNATIONAL SCIENTIFIC CONFERENCE: “ARE WE READY? CHALLENGES OF THE SOCIETY FACING DIGITAL TRANSFORMATION”, 13-14 April 2023, Tirana, Albania. pp. 16-23. ISSN:2220-573X.
96. **A. Avrami**. “Using students’ multilingual skills in the teaching german language for professional purposes”. PROCEEDINGS OF THE II INTERNATIONAL SYMPOSIUM ON ANGLO-AMERICAN CULTURE AND LITERATURE, 13-15 December 2023, Mardin,Turkiye. pp. 237-242. ISBN:978-1-955094-79-5.
95. **A. Brahja**, *Facilitating the Process of Students’ ESP Assignment Completion*. PROCEEDINGS OF THE 36th INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY STUDIES “RECENT STUDIES AND RESEARCH”, ICMS XXXVI, 27-28 October 2023, University of London, London, UK. pp. 14-22, ISBN 978-1-915312-11-2
94. **A. Brahja**. *Student Attitude towards Professional Experience: Fulfilling Student Needs – A case study*. PROCEEDINGS OF THE 36th INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY STUDIES “RECENT STUDIES AND RESEARCH”, ICMS XXXVI, 27-28 October 2023, University of London, London, UK. pp. 23-30, ISBN 978-1-915312-11-2.
93. **A. Brahja**. *Student Approaches to best Assimilate and learn ESP Terms*. PROCEEDINGS OF THE 4th INTERNATIONAL SCIENTIFIC AND PRACTICAL CONFERENCE: “INNOVATIVE RESEARCH: SOCIAL SCIENCES AND HUMANITIES”, 20 October 2023, Prague, Czech Republic. pp. 49-56. ISBN 978-80-88612-24-7
92. **I. Shehu, A. Brahja**. *The importance of translation of engineering terminology in ESP classes and the challenges faced by the lecturers*. PROCEEDINGS OF THE 4th INTERNATIONAL SCIENTIFIC AND PRACTICAL CONFERENCE: “INNOVATIVE RESEARCH: SOCIAL SCIENCES AND HUMANITIES”, 20 October 2023, Prague, Czech Republic. pp. 93-99, ISBN 978-80-88612-24-7
91. **A. Brahja**, *Feedback as an important source of a successful class*. PROCEEDINGS OF THE 35th INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY STUDIES “RECENT STUDIES AND RESEARCH. 29-30 September 2023, Madrid, Spain. pp. 52-60. ISBN 978-1-915312-10-5
90. **A. Brahja**. *Activities that reinforce ESP vocabulary acquisition in class*. PROCEEDINGS OF THE 35th INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY STUDIES “RECENT STUDIES AND RESEARCH. 29-30 September 2023, Madrid, Spain. pp. 82-89. ISBN 978-1-915312-10-5.
89. **A. Brahja, I. Shehu**. *Creating an optimal Linguistic Environment with Contemporary Methods in Teaching and Learning ESP*. PROCEEDINGS OF THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED

- SCIENCES, ICEAS 2022, 17-18 November 2022, Tirana, Albania. pp. 31-37. ISBN 978-9928-370-20-4.
88. **A. Avrami.** *Features of the translation of idioms and phraseological expressions from a foreign language into the albanian language.* PROCEEDINGS OF THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, ICEAS 2022, 17-18 November 2022, Tirana, Albania. pp. 16-22. ISBN 978-9928-370-20-4.
87. **I. Shehu, A. Brahja,** *'The importance of terminology in foreign language teaching for engineering students',* PROCEEDINGS OF THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, ICEAS 2022, 17-18 November 2022, Tirana, Albania. pp. 129-133. ISBN 978-9928-370-20-4.
86. **A. Brahja.** *Using Qualitative ESP Methodology–A Case Study.* PROCEEDINGS OF THE 7TH EUROPEAN CONFERENCE ON LANGUAGES, LITERATURE AND LINGUISTICS. 14 June 2015, Vienna, Austria. pp. 76-80. ISBN-13 978-3-903063-53-2; ISBN-10 3-90-3063-53-3.
85. **A. Brahja.** *ESP- A new experience for the engineering students in Albania,* PROCEEDINGS OF THE 7TH EUROPEAN CONFERENCE ON EDUCATION AND APPLIED PSYCHOLOGY, May 31, 2015, Vienna, Austria. pp.4-8. ISBN – 13 978-3-903063-50-1; ISBN -10 3-903063-50-9.
84. **A. Brahja, M. Paci,** *ESP Students' Role in Enhancing Motivation in class.* PROCEEDINGS OF THE INTERNATIONAL CONFERENCE: "SCHOLARLY EXPLORATIONS OF ENGLISH LANGUAGE AND CULTURE", 30-31 May 2014, Tirana, Albania. pp. 443-452. ISBN: 978-9928-4289-1-2
83. M. Paci, **A. Brahja.** *English Learner Needs Analysis. A Case Study of Polytechnic University of Tirana (PUT).* PROCEEDINGS OF THE INTERNATIONAL CONFERENCE: "SCHOLARLY EXPLORATIONS OF ENGLISH LANGUAGE AND CULTURE", 30-31 May 2014, Tirana, Albania. pp. 459-468. ISBN: 978-9928-4289-1-2.
82. **A. Brahja.** *Difficulties encountered when acquiring ESP language vocabulary.* PROCEEDINGS OF THE INTERNATIONAL SCIENTIFIC CONFERENCE: "CHALLENGES TO ENGLISH LANGUAGE STUDIES," 1-2 June 2012, Tirana, Albania. pp. 296-305. ISBN: 978-9928-07-164-4
81. **A. Brahja.** *Language activities used by students to build ESP vocabulary.* PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON "TOWARDS FUTURE SUSTAINABLE DEVELOPMENT", 16 - 17 November 2012, Shkoder, Albania. pp. 2236-2240. ISBN: 9 789994 32 37 53.
80. **A. Brahja.** *Positive and Negative Aspects of Individual, Pair, and Group Work in English Language Teaching.* PROCEEDINGS OF THE NATIONAL CONFERENCE ON "ADVANCED STUDIES IN MATHEMATICAL, PHYSICAL, AND CHEMICAL ENGINEERING", October 28, 2011, Tirana, Albania, pp. 54-60. ISBN: 978-9928-4063-6-1

79. **F. Vrap** "ESP Experience and Teaching at Polytechnic University of Tirana"-INTERNATIONAL CONFERENCE ON RECENT SOCIAL STUDIES AND RESEARCH, 25-26 October 2019, Rome, Italy, pp. 58-63, ISBN 9781647135799.
78. **I. Shehu**. *Idioms in ESP textbooks*, PROCEEDINGS OF THE 10TH INTERNATIONAL EUROPEAN INTERDISCIPLINARY SCIENTIFIC RESEARCH CONGRESS, 27-29 August 2024, Zurich, Switzerland. pp. 162-165. ISBN: 978-625-367-845-6
77. **I. Shehu, V. Kanini**. "The role of image in acquiring subject-related terminology and encouraging communication". PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON SCIENTIFIC AND INNOVATION RESEARCH-III, May 3-5, 2024, Sivas, Turkiye. pp. 908-913, ISBN: 978-625-367-720-6
76. **V. Kanini, I. Shehu**. "The acquisition of ESP vocabulary and its use by Electronic Engineering students at the Faculty of Information Technology at PUT", PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON SCIENTIFIC AND INNOVATION RESEARCH-III, May 3-5, 2024, Sivas, Turkiye. pp. 870-876, ISBN: 978-625-367-720-6.
75. **I. Shehu**. *Issues of teaching terms in the field of telecommunication in English and Albanian language*. PROCEEDINGS OF THE FOURTH INTERNATIONAL CONGRESS ON SOCIAL SCIENCES AND HUMANITIES, EAST-WEST ASSOCIATION FOR ADVANCED STUDIES AND HIGHER EDUCATION GMBH, 2 APRIL 2015, VIENNA, AUSTRIA. Vol. 2, pp. 38-41, ISBN 978-3-903063-21-1, ISBN-10 3-903063-21-5.
74. **I. Shehu**. *Vështrim i anglicismave në gjuhën shqipe*. ACTES DE LA COLLOQUE INTERNATIONAL "LANGUES ET METIERS, LANGUES ET COUTUMES". Universite de Tirana, Faculte des Langues Etrangeres, Departement de Francais, 18 Mars 2013, Tirana, Albania. pp. 125-129, ISBN 978-9928-08-134-6.
73. **L. Gjata**, "Foreign language teacher backing up the improvement of Albanian language learning process", PROCEEDINGS OF THE INTERNATIONAL CONFERENCE "DIDACTICS OF FOREIGN LANGUAGES AND CULTURES: FROM LANGUAGE POLICIES TO APPROACHES FOR MULTILINGUAL COMPETENCE", 23-24 October 2023, Tirana, Albania. V1, pp. 374-382. ISBN 9789928064400.
72. **L. Gjata**, «Le compte rendu textuel et la reprise en compte d'un exercice utile», ACTES DE LA CONFÉRENCE INTERNATIONALE "50 ANS D'ENSEIGNEMENT ET DE RECHERCHE AU DÉPARTEMENT DE FRANÇAIS DE L'UNIVERSITÉ DE TIRANA", 5 Mai 2016, Tirana, Albania. pp. 346-352. ISBN 987-9928-131-67-6.
71. **M. Plaku, M. Enesi, S. Vishkurti**. *Linguistic Contribution of Games to Terminology Acquisition Student's Perspective*". PROCEEDINGS OF THE 7TH WORLD CONFERENCE ON FUTURE OF EDUCATION (WCFEDUCATION), 15-17 December 2023, Cambridge, UK. Vol. 1, Issue. 1, 2023, pp. 34-43. ISSN: 3030-0274 online.
70. **M. Plaku, M. Shahini, S. Vishkurti**. "Contribution of Incidental Terminology Acquisition Mechanisms on the Acquisition of Engineering Terminology.

PROCEEDINGS OF THE 2ND INTERNATIONAL SYMPOSIUM ON ANGLO-AMERICAN CULTURE AND LITERATURE, 13-15 December 2023, Turkiye. pp. 338-344. ISBN- 878-1-955094-79-5.

69. **M. Enesi**, Z. Sina. *The use of ICT in Education*. PROCEEDINGS OF THE ASES IV, INTERNATIONAL CONFERENCE ON SOCIAL SCIENCES. December 17-19, 2022, Eskisehir, Turkey. pp 121-126, ISBN: 978-605-72042-4-0
68. **M. Enesi**, H. Grillo. *The development of communication skills through technology*, PROCEEDINGS OF THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, ICEAS 2022, 17-18 November 2022, Tirana, Albania. pp.173-178. ISBN 978-9928-370-20-4.
67. **M. Enesi**, A. Trifoni. *Cultural Impact in the Translation of Proverbs from English into Albanian*. PROCEEDINGS OF THE 3^D WORLD CONFERENCE ON EDUCATION AND TEACHING. 6-8 May 2022, Budapest, Hungary. pp. 1-16. ISBN:978-609-485-278-7
66. H. Grillo, **M. Enesi**. *The role of reading and literature in the students formation*" INTERNATIONAL CONFERENCE ON FOREIGN LANGUAGES EDUCATION AND CULTURE. December 2022, Durrës, Albania. pp.185-191. ISBN 978-9928-4714-7-5
65. **M. Enesi**, R. Legisi. *The importance of mother tongue in SLA process in Lower secondary Education (Albanian case)*". PROCEEDINGS OF THE VIRTUAL INTERNATIONAL ACADEMIC CONFERENCE "TEACHING, LEARNING & E-LEARNING" Czech Institute of Academic Education z.s 11 November 2022, Budapest, Hungary. pp. 46-57. ISBN 978-80-88203-29-2.
64. **M. Enesi**, E. Strati, *Lexicographic Reflection of Leech's Seven Types of Meanings in English Albanian and Albanian-English Dictionaries*. PROCEEDINGS OF THE INTERNATIONAL CONFERENCE THE FUTURE OF EDUCATION, June 27-28, 2019, Florence, Italy. pp. 399-405. ITLM4044. ISBN: 978-88-85813-45-8.
63. E. Strati, **M. Enesi**, *Syntactic Properties of Legal Language in English and Albanian*". PROCEEDINGS OF THE INTERNATIONAL CONFERENCE THE FUTURE OF EDUCATION, June 27-28, 2019, Florence, Italy. pp. 658-663. SED4035. ISBN: 978-88-85813-45-8.
62. **M. Enesi**, E. Strati, *Challenges of Teaching the English Language for Information Technology (IT)*, PROCEEDINGS OF THE 4th INTERNATIONAL CONFERENCE ON LINGUISTICS, LITERATURE AND EDUCATION, September 7, 2019, Pristina, Kosovo, pp. 133-139. ISBN 978-9951-494-92-2
61. **M. Enesi**, H. Grillo. *Typology of Foreign Languages Acquisition and their certification*. PROCEEDINGS OF THE 4th INTERNATIONAL CONFERENCE ON FOREIGN LANGUAGE EDUCATION AND CULTURE. 7 June 2019, Durrës, Albania. pp 79-83. ISBN: 978-9928-4502-5-8.
60. **V. Kanini**. "A curricular reform of English for Specific Purposes", PROCEEDINGS OF THE NATIONAL CONFERENCE ON "ADVANCED STUDIES IN

- MATHEMATICAL, PHYSICAL, AND CHEMICAL ENGINEERING", Tirana, October 28, 2011, Albania. pp. 273-275. ISBN 978-9928-4063-6-1
59. **V. Kanini.** *"The impact of improving foreign languages in the process of reformation"*; PROCEEDINGS OF THE INTERNATIONAL CONFERENCE: "THE MANY LANGUAGES OF EUROPE, A WEALTH TO PRESERVE," 9 November 2012, PUT, Tirana, Albania. ISBN: 978-9994-3237-53
 58. **V. Kanini.** *'Needs analysis of learning foreign language for students who study at the Faculty of Geology and Mining'*; PROCEEDINGS OF THE 1ST INTERNATIONAL CONFERENCE ON LANGUAGE RESEARCH, Albanological Studies Centre, Tirana, 04 July 2013, Tirana, Albania. pp. 571-575. ISBN 978-9928-141-24-8
 57. **V. Kanini.** *"The selection of texts in teaching ESP"*. PROCEEDINGS OF THE INTERNATIONAL CONFERENCE: "SCHOLARLY EXPLORATIONS OF ENGLISH LANGUAGE AND CULTURE", 30-31 May 2014, Tirana, Albania. pp. 430-435. ISBN: 978-9928-4289-1-2.
 56. **V. Kanini.** *"Albanian teachers among changes and challenges in teaching ESP courses"*. 35th INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY STUDIES "RECENT STUDIES AND RESEARCH. 29-30 September 2023, Madrid, Spain. pp. 44-51. ISBN 978-1-915312-10-5
 55. **V. Kanini.** *"Vocational English language teaching at PUT and the role of ESP in the contemporary literature point of view"*, PROCEEDINGS OF THE INTERNATIONAL SCIENTIFIC CONFERENCE "MULTILINGUALISM IN THE EU-LINGUISTIC, CULTURAL AND SOCIAL ISSUES", May 09, 2024, Tirana, Albania. Reference number: 101047559. ISBN 9789928474438
 54. **E. Stojani, V. Kanini.** *"Integrating intercultural competence in ESP"*, PROCEEDINGS OF THE INTERNATIONAL SCIENTIFIC CONFERENCE "MULTILINGUALISM IN THE EU-LINGUISTIC, CULTURAL AND SOCIAL ISSUES", May 09, 2024, Tirana, Albania. Reference number: 101047559; ISBN 9789928474438
 53. **J. Bojaxhi, V. Kanini.** *"The design of foreign language method under the perspective of intercultural education"* PROCEEDINGS OF THE INTERNATIONAL SCIENTIFIC CONFERENCE "MULTILINGUALISM IN THE EU-LINGUISTIC, CULTURAL AND SOCIAL ISSUES", May 09, 2024, Tirana, Albania. Reference number: 101047559, ISBN 9789928474438
 52. **J. Bojaxhi.** *"Language contact and language borrowings"*, PROCEEDINGS OF THE 35th INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY STUDIES "RECENT STUDIES AND RESEARCH. 29-30 September 2023, Madrid, Spain. pp. 76-81. ISBN 978-1-915312-10-5.
 51. **J. Bojaxhi.** *"Problems in translating terms in Informatics and Electronics Engineering textbooks"*, PROCEEDINGS OF THE 35th INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY STUDIES "RECENT STUDIES AND

- RESEARCH. 29-30 September 2023, Madrid, Spain. pp. 90-96. ISBN 978-1-915312-10-5.
50. **J. Bojaxhi.** "Problems in translating terms in textbooks", PROCEEDINGS OF THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, ICEAS 2022, 17-18 November 2022, Tirana, Albania. ISBN 978-9928-370-20-4.
 49. **E. Stojani, J. Bojaxhi.** "Linguistic calque, an aid for the development of the terminology in the field of mechanical engineering in the Albanian language", PROCEEDINGS OF THE 3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCES, ICEAS 2022, 17-18 November 2022, Tirana, Albania. ISBN 978-9928-370-20-4.
 48. **M. Enesi,** A. Trifoni. *The importance of using Zoom platform online Versus traditional classroom learning.* PROCEEDINGS OF THE 15TH INTERNATIONAL CONFERENCE DISCO 2020: ACTIVE LEARNING IN DIGITAL ERA: HOW DIGITAL TOOLS PROMOTE A CONSCIOUS, OPEN-MINDED, CREATIVE AND SOCIAL-ORIENTED THINKING, June 22-23, 2019 Prague, Czech Republic. pp. 211-221. ISBN 978-80-86302-86-7
 47. **J. Bojaxhi.** "The concepts of intercultural learning in foreign languages in Albania" PROCEEDINGS OF THE THE 2ND INTERNATIONAL CONFERENCE: EDUCATION AND CULTURAL HERITAGE, 04 November 2017, Brussels, Belgium. Vol. 1, pp. 229-236. ISBN 978-9-9282530-1-9.
 46. **M. Plaku,** "Some Peculiarities of Word-Formation Mechanisms in the Area of Civil Engineering". PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON TEACHING, LEARNING AND EDUCATION, 10-12 March 2023, Prague, Czech Republic. pp. 1-12. ISBN: 978-609-485-379-1
 45. **V. Karapici,** *Empowering Minds, engaging activities to cultivate critical thinking and problem-solving skills in students,* PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON SCIENTIFIC AND INNOVATION RESEARCH-III, May 03-05, 2024, Sivas, Turkiye. pp.1174-1180; ISBN: 978-625-367-720-6
 44. **V. Karapici,** *Language and Technology,* PROCEEDINGS OF THE INTERNATIONAL SCIENTIFIC CONFERENCE "MULTILINGUALISM IN THE EU-LINGUISTIC, CULTURAL AND SOCIAL ISSUES", May 09, 2024, Tirana, Albania. pp. 96-103; ISBN 978-992-847-443-8.
 43. **V. Karapici,** *Language teaching based on digital technologies,* PROCEEDINGS OF THE INTERNATIONAL CONFERENCE "LANGUAGE EVOLUTION IN THE DIGITAL AGE: THE IMPACT ON COMMUNICATION, LITERATURE, CIVILIZATION AND TEACHING", May 2024, Elbasan, Albania. pp. 79-85. ISBN: 978-992-881-040-3.
 42. **S. Vishkurti,** E. Nasufi, E. Axenti, L. Zbant. *Impact d'un projet francophone sur l'enseignement du FLE/FOS en Albanie,* ACTES DE LA COLLOQUE INTERNATIONAL : "LE DISCOURS SPÉCIALISÉ : THÉORIE ET PRATIQUE", 24-26 Octobre 2014, Galati, Roumanie. ISSN : 1843-8423.

41. **S. Vishkurti.** *L'évolution des méthodologies de l'enseignement du FLE/FOS à l'Université Polytechnique de Tirana*, ACTES DE LA COLLOQUE SCIENTIFIQUE INTERNATIONAL "ACTUALITÉS DANS L'ENSEIGNEMENT DES LANGUES DANS UN CONTEXTE PLURIDISCIPLINAIRE", Univ. d'Etat "Alecú Russo" de Bălți, 29 Mars 2013, Université d'État «Alecú Russo», Moldavia. pp. 110-117. ISBN : 978-9975-50-110-1.
40. **S. Vishkurti.** *Education au plurilinguisme en contexte albanais: enjeux et perspectives*, ACTAS DE LA I CONGRESO INTERNACIONAL HISPANO-ALBANÉS: ÁMBITO FILOLÓGICO INTERNACIONAL, HISTORIA Y CULTURA ESPAÑOLA CONTEMPORÁNEA, 2-3 Abril 2012, Tirane, Albania. pp. 401 – 410. ISBN : 978-84-615-8145-0
39. **S. Vishkurti**, E. Nasufi. *Les TIC dans l'apprentissage du français de spécialité: cas d'étudiants albanais de filières professionnelles*, ACTES DE LA COLLOQUE SCIENTIFIQUE INTERNATIONAL, Universitatea Pedagogică de Stat „Ion Creangă”, 22 Novembre 2012, Chişinău, Moldova. pp. 202-207. ISBN: 978-9975-4379-4-3.
38. **S. Vishkurti**, M. Paci. *Consolidation of written communication skills through transfer from english to french*, PROCEEDINGS OF THE INTERNATIONAL CONFERENCE: "CHALLENGES TO ENGLISH LANGUAGE STUDIES", 1-2 June 2012, Tiranë, Albania. pp. 527-534. ISBN: 978-9928-07-164-4
37. **S. Vishkurti.** *The role of culture and communication in teaching the language for specific purposes.* PROCEEDINGS OF THE SCIENTIFIC CONFERENCE: "FROM THEORY TO PRACTICE: ISSUES OF LANGUAGE, CULTURE, AND COMMUNICATION", 29 June 2012, Tiranë, Albania. pp.259-267. ISBN: 978-9928-4063-6-1
36. **S. Vishkurti.** *Problématique de l'apprentissage de l'argumentation écrite : cas d'étudiants de FLE*, ACTES DE LA CONFÉRENCE INTERNATIONALE "APPROCHES LINGUISTIQUES ET DIDACTIQUES DU TEXTE", 14 December 2010, Tiranë, Albania. pp. 153-161. ISBN : 978-9928-105-50-9
35. **S. Vishkurti**, L. Hasimi, (2010), *L'approche réflexive dans l'apprentissage du FLE*, ACTES DE LA CONFÉRENCE INTERNATIONALE: «DISCOURS, INTERACTION ET PRAGMATIQUE», 7 May 2010, Tiranë, Albania. pp. 283-291. ISBN : 978-9928-07-003-6.
34. **S. Vishkurti.** *Place du français dans le système éducatif albanais*, ACTES DE LA COLLOQUE INTERNATIONAL: «LE FRANÇAIS DE DEMAIN : ENJEUX EDUCATIFS ET PROFESSIONNELS», CREFECO, 28-30 Octobre 2010, Sofia, Bulgaria. pp. 204-218.
33. **S. Vishkurti**, L. Dedja. *The issue of using the Internet as a teaching tool in schools*, PROCEEDINGS OF THE INTERNATIONAL CONFERENCE: "RAISING INTERCULTURAL LEVEL: A NECESSITY FOR ALBANIAN SOCIETY", 8-10 December 2010, Tiranë, Albania. pp. 133-245. ISBN: 978-9928-105-66-0

32. **S. Vishkurti.** *Vers une autonomie d'apprentissage en FOS*, ACTES DE LA CONFÉRENCE INTERNATIONALE: «LANGUES, EDUCATION ET INTERCULTURALITE», 23 Avril 2009. Tirane. Albania. pp. 283-294. ISBN : 978-99956-18-73-5
31. **S. Vishkurti,** *Le rapport éducation-société et sa problématique dans la réalité albanaise*, ACTES DE LA PROGRAMME «PESTALOZZI» : PLURILINGUISME, DIVERSITE, CITOYENNETE », 7-9 Novembre 2008, Tirane, Albania. pp. 163-168. ISBN : 978-99956-34-16-2.
30. **S. Vishkurti** (2004), *Përdorimi i huazimeve në reklamë. Roli dhe rëndësia e tyre*, AKTE TË SEMINARIT TË 3-të “RRETH HUAZIMEVE NË SHQIPEN STANDARDE”, 29 Prill 2004, Tiranë, Albania.
29. **E. Stojani,** “*First developments of terminology of mechanical engineering in Albanian language lexical*”, PROCEEDINGS OF THE 35th INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY STUDIES “RECENT STUDIES AND RESEARCH. 29-30 September 2023, Madrid, Spain. pp.70-75. ISBN: 978-1-915312-10-5
28. **E. Stojani.** “*Linguistic calque, an aid for the development of terminology in the field of mechanical engineering in the Albanian language*”; 35th INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY STUDIES “RECENT STUDIES AND RESEARCH. 29-30 September 2023, Madrid, Spain. pp. 61-69. ISBN: 978-1-915312-10-5
27. **E. Stojani.** “*The integration of Italian and French in the terminological lexicon of Mechanical Engineering*”; ACTES DE LA CONFÉRENCE INTERNATIONALE “50 ANS D’ENSEIGNEMENT ET DE RECHERCHE AU DÉPARTEMENT DE FRANÇAIS DE L’UNIVERSITÉ DE TIRANA”, UT. 5 Mai 2016, Tirana, Albania. pp. 211-216. ISBN: 978-9928-131-67-6.
26. **E. Stojani.** “*The influence of French and Italian on the enrichment of mechanical engineering vocabulary*”. PROCEEDINGS OF THE INTERNATIONAL CONFERENCE "TEACHING FRENCH/IN FRENCH IN THE UNIVERSITY CONTEXT: INNOVATIONS IN METHODOLOGY AND PRACTICE", 26 May 2017, Tiranë, Albania. pp.117-120. ISBN: 978-9928-08-509-2.
25. **F. Vrapì, E. Stojani,** *Thoughts about translating the adaption of some idioms and phraseological expressions into foreign language*, PROCEEDINGS OF THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE, 16-17 November, 2017, Tirana, Albania. SPECIAL NUMBER OF THE BULLETIN OF TECHNICAL SCIENCES (UPT), pp. 76-85. ISSN 05 62 B 945.
24. **E. Stojani, F. Vrapì,** *Neologisms and linguistics bays as a significant contributor in the development of the terminology in the field mechanical engineering in the Albanian language*, PROCEEDINGS OF THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania. SPECIAL NUMBER OF THE BULLETIN OF TECHNICAL SCIENCES (UPT), pp. 53-58. ISSN 05 62 B 945.

23. **A. Brahja**, *ESP- A new experience for the engineering students in Albania*, PROCEEDINGS OF THE 6TH EUROPEAN CONFERENCE ON EDUCATION AND APPLIED PSYCHOLOGY (May 31, 2015), Vienna, Austria. Vienna, OR: «East West» Association for Advanced Studies and Higher Education GmbH, Vienna, Austria. pp. 4-8, ISBN–13 978-3-903063-50-1
22. **L. Beshaj**, M. Zacellari. “*Multilingualism and EU enlargement; Linguistic and translation issues*” PROCEEDINGS OF THE INTERNATIONAL SCIENTIFIC CONFERENCE “MULTILINGUALISM IN THE EU-LINGUISTIC, CULTURAL AND SOCIAL ISSUES” 09 May, 2024, Tirana, Albania. pp. 152 – 162; ISBN 9789928474438.
21. M. Zaçellari, **L. Beshaj**. “*Multilingualism and Diversity in Europe; Linguistic integration of immigrants in EU countries and the preservation of the native languages*” PROCEEDINGS OF THE INTERNATIONAL SCIENTIFIC CONFERENCE “MULTILINGUALISM IN THE EU- LINGUISTIC, CULTURAL AND SOCIAL ISSUES” 09 May, 2024, Tirana, Albania. pp. 143 – 151; ISBN 9789928474438
20. **L. Beshaj**. “*Politikat gjuhësore në Bashkimin Europian dhe hartimi i politikave gjuhësore*” PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON FOREIGN LANGUAGES” 21 Shkurt 2023, Instituti Albanologjik ne Prishtine. Pp. 56 - 63 ISBN 978-9951- 24-170-0
19. **L. Beshaj**, L. Cadri. “*Achievements of the Albanian Government in regards to the implementation of the SDG*”, PROCEEDINGS OF THE INTERNATIONAL SCIENTIFIC CONFERENCE “CHALLENGES OF THE 17 SUSTAINABLE DEVELOPMENT GOALS” 20-21 September 2023, Tiranë, Albania. pp. 48- 58 ISBN 9789928474421
18. **L. Beshaj**, M. Zacellari “*Challenges of Albanian higher education in providing effective online learning in time of Covid-19 pandemic/ A case study based on the development of Cultural Studies in Business course*” PROCEEDINGS OF THE INTERNATIONAL SCIENTIFIC CONFERENCE "A NEW PERSPECTIVE FOR UNIVERSITIES IN EUROPE. THE ALBANIAN PROCESS 2020", 24-25 November 2020, Tirana, Albania. pp. 94- 101. ISBN 978-9928-4623-3-6
17. **L. Beshaj**, A. Ngjeliu, L. Çadri. “*Analysis of the Cultural Aspect in Business within Economics Study Programs at Albanian Universities*”. PROCEEDINGS OF THE 2ND INTERNATIONAL SCIENTIFIC CONFERENCE ON “INTERNATIONAL CONFERENCE IN THE FIELD OF JUSTICE, ECONOMIC AND SOCIAL SCIENCES”, 9-10 May 2019, Tirana, Albania. pp. 56–64. ISBN:978-9928-4356-7-5
16. **L. Beshaj**. ‘*Some factors hindering the teaching and the acquisition of the English language in higher education*’. PROCEEDINGS OF THE 17TH SCIENTIFIC CONFERENCE “THE TEACHERS OF THE FUTURE”, 24-27 May 2018, Budva, Montenegro. pp. 1463-1467 ISSN: 1857- 923X (Printed); ISSN2545-4439(Online).
15. **L. Beshaj**, A. Sherko. *Compound nouns in English and Albanian*, PROCEEDINGS OF THE 1ST ICELL INTERNATIONAL CONFERENCE ON ENGLISH LANGUAGE

- AND LITERATURE”, November 21, 2015, Tirana, Albania. pp. 150–155; ISBN: 978-9928-4345-0-0.
14. **L. Beshaj**, S. Leka. “*The application of bilingual language acquisition strategies in Albania*”. PROCEEDINGS OF THE INTERNATIONAL CONFERENCE, “1ST ICELL INTERNATIONAL CONFERENCE ON ENGLISH LANGUAGE AND LITERATURE”, November 21, 2015, Tirana, Albania. pp. 268 - 275 ISBN: 978-9928-4345-00.
 13. **L. Beshaj**, I. Sedja. “*The significance of themes and motifs in Jane Eyre characterizing Victorian England as a feminist literary work*”, PROCEEDINGS OF THE INTERNATIONAL CONFERENCE, “1ST ICELL INTERNATIONAL CONFERENCE ON ENGLISH LANGUAGE AND LITERATURE”, November 21, 2015, Tirana, Albania. pp. 175 - 180, ISBN: 978-9928-4345-0-0
 12. **L. Beshaj**, A. Volumi. “*Complexities of black femme identity, articulated and delineated in "Sula" allures Albanian readers*”. PROCEEDINGS OF THE INTERNATIONAL CONFERENCE, “1ST ICELL INTERNATIONAL CONFERENCE ON ENGLISH LANGUAGE AND LITERATURE”, November 21, 2015, Tirana, Albania. pp. 276 – 282, ISBN: 978-9928-4345-0-0
 11. **L. Beshaj**. “*Phraseological Units Formed with Metaphor and Their Stylistic Use*” PROCEEDINGS OF THE INTERNATIONAL SCIENTIFIC CONFERENCE “LINGUISTIC RESEARCH IV”. 10 July 2015, Tirana, Albania. pp. 601 – 609.
 10. **L. Beshaj**. “*Private universities, a growing trend in the higher education system in Albania, aiming high standards in teaching and learning*”. PROCEEDINGS OF THE 7TH EUROPEAN CONFERENCE ON LANGUAGES, LITERATURE AND LINGUISTICS, 14 June 2015, Vienna, Austria. pp. 71-76. ISBN: 10 3-903063-53-3; ISBN: 13 978-3-903063-53-2
 9. **L. Beshaj**. “*Teaching English for specific purpose to students of Tirana University in Albania*” PROCEEDINGS OF THE 8th INTERNATIONAL CONFERENCE ON EUROPEAN CONFERENCE ON LANGUAGES, LITERATURE AND LINGUISTICS“, 3 September 2015, Vienna, Austria. pp. 8–13. ISBN- 10 3-903063-78-9; ISBN -13 978-3-903063-78-5.
 8. **M. Shahini**, V. Memisha. *Parallels and distinctions in the affixation system, of words with negative meaning affixes in English and Albanian*. PROCEEDINGS OF THE INTERNATIONAL CONFERENCE “SCHOLARLY EXPLORATIONS OF ENGLISH LANGUAGE AND CULTURE”. 30 - 31 May 2014, Tirana, Albania. pp.236-249. ISBN: 978-9928-4289-1-2
 7. **M. Shahini**, V. Memisha. “*Dukuri të përkthimit të fjalëve me ndajshesa me kuptim keqësues nga Anglishtja në Shqip*”, PROCEEDINGS OF THE INTERNATIONAL SCIENTIFIC CONFERENCE "LINGUISTIC RESEARCH". Qendra e studimeve albanologjike, Instituti i gjuhësisë dhe i letërsisë. 31 Maj 2013 Tiranë, Albania. pp. 193-202, ISBN 978-9928-141-13-2
 6. **M. Shahini**, V. Memisha, O. Xhina. “*Comparison of words with pejorative meaning from English to Albanian in Pavli Qesku’s dictionary*“. INTERNATIONAL

CONFERENCES “CHALLENGES TO ENGLISH LANGUAGE STUDIES”, June 2012 Tirana, Albania. pp.221-234. ISBN: 978-9928-07-164-4

5. **M. Shahini**, V. Memisha. *Linguistic Relativity Occurrences Between English and Albanian*. PROCEEDINGS OF THE FIRST INTERNATIONAL CONFERENCE ON LANGUAGE, LITERATURE AND CULTURAL STUDIES “THE SAID AND THE UNSAID”, 11-13 September 2010, Vlorë, Albania. pp. 358-367.
4. **M. Shahini**. *Some Prefixation Issues in English and Albanian Languages*. PROCEEDINGS OF THE 10TH INTERNATIONAL LANGUAGE, LITERATURE AND STYLISTICS SYMPOSIUM, 3-5 November 2010, Ankara, Turkey. pp. 268-272. ISBN:978-975-507-249-4.
3. **M. Shahini**. *Prefixes with negative meaning in English language in comparison with their equivalents in Albanian language*. PROCEEDINGS OF THE 10TH INTERNATIONAL LANGUAGE, LITERATURE AND STYLISTICS SYMPOSIUM, 3-5 November 2010, Ankara, Turkey. pp. 263-267. ISBN:978-975-507-249-4
2. A. Trifoni, **M. Shahini**. “*Various ways of assessment and the way they integrate in the teaching process*”. PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON EDUCATION, 8-10 July 2010, Samos Island, Greece. pp. 226-232, ISBN: 978-960-466-060-5. ISSN: 1790-3859.
1. **M. Shahini**, A. Trifoni. “*Various techniques of testing and their implementation in the English language acquisition process*”. PROCEEDINGS OF THE The 6TH INTERNATIONAL CONFERENCE ON EDUCATION, 8-10 July 2010, Samos Island, Greece. pp. 341-348. ISBN: 978-960-466-060-5. ISSN: 1790-3859

MONOGRAFI/MONOGRAPHY

F. Vrap. *Gjuha Angleze Teknike dhe Zbatime Praktike*, Shtëpia Botuese “ENEAS”, Tirane 2022. ISBN:978-9928-306-25-8

E. Stojani. “*Çështje të terminologjisë dhe ndikimi i italianizmave në fjalorin e inxhinierisë mekanike*”, Tiranë 2024, ISBN: 9789928322883

L. Gjata, “*Teksti Argumentues (Analizë dhe përjasje në gjuhën shqipe dhe frënge)*”, Shtëpia Botuese GEER Tiranë, 2010, ISBN 978-99956-88-24-0.

F. Gjata, **L. Gjata**, “*Etnografi e sportit*” (shqipërim dhe përshtatje), Shtëpia Botuese EMAL, 2017, ISBN 978-9928-04-386-3.

S. Vishkurti, *Përjasje ndërmjet reklamës mediatike në gjuhën frënge dhe asaj në gjuhën shqipe*, bot. “A&N”, 172 f. Tiranë 2014. ISBN: 978-9928-11-38-8

A. Avrami, “*Romantizmi german dhe ndikimi në letërsinë shqiptare*”. WEST PRINT. Tirane 2024. ISBN: 978-9928-363-71-8.

BORDE EDITORIAL PERIODIKËSH SHKENCORE/ EDITORIAL BOARD PEER-REVIEW JOURNALS

E. Stojani

Member of Editorial board of “JOURNAL OF INTEGRATED ENGINEERING AND APPLIED SCIENCES” (JIEAS); ISSN: 2960-2661.

M. Enesi

Member of Reviewers’ board of ATHENS JOURNAL OF EDUCATION, ISSN: 2407-9898

Member of Reviewers’ board of ATHENS JOURNAL OF SOCIAL SCIENCES, e-ISSN: 2241-7737

L. Beshaj

Member of Editorial board of PERIODIC SCIENTIFIC JOURNAL “WISDOM”, (2016-2022), ISSN - 2410-8472.

V. Kanini

Member of Editorial board of “JOURNAL OF INTEGRATED ENGINEERING AND APPLIED SCIENCES” (JIEAS); ISSN: 2960-2661.

J. Bojaxhi

Member of Editorial board of “JOURNAL OF INTEGRATED ENGINEERING AND APPLIED SCIENCES” (JIEAS); ISSN: 2960-2661.

ANALIZA SHKENCORE / REVIEWING-REFERRING

F. Vrapì

Reviewer of BULLETIN OF TECHNICAL SCIENCES (PUT)

Reviewer of papers presented in THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania

English language editor for the book “*Heritage in the Ruins of the Abandoned Medieval Village of Tragjas*” by authors Prof. F. Nepravishta, L. Mezini, and A. Dollani.

English Language Editor of the MONTHLY CLIMATE BULLETIN, published by IGJEUM every month (March 2021).

Editor and Proofreader for the Albanian language in:

1. Compilation and publication of the Japanese-Albanian Dictionary in 2011-2012.

Summary of Research and Scientific Activity

©2025 Faculty of Mathematical Engineering & Physical Engineering - Polytechnic University of Tirana

2. Compilation and publication of the Albanian Grammar Explanation for the Japanese Language Method: "*Japanese for All*" (Minna no Nihongo 1) in 2013-2014.
3. Compilation and publication of the Albanian Grammar Explanation for the Japanese Language Method: "*Japanese for All 2*" (Minna no Nihongo 2) in 2015-2016.
4. Translation, compilation, and publication of the Hiragana and Katakana alphabet learning book in 2016-2017.

L. Gjata

Editor of the following scientific monographs and texts:

- F. Gjata, *Sociology of Sport 2*, EMAL Publishing House, 2010, ISBN 978-9928-04-167-8
- F. Gjata, *Sport and Religion (a sociological perspective)*, EMAL Publishing House, 2021, ISBN 978-9928-04-123-4
- F. Gjata, *Philosophy of Sport*, GEER Publishing House, 2010, ISBN 978-99956-88-87-5
- F. Gjata, *University Sport Facing the Challenges of Integration*, GEER Publishing House, 2011, ISBN 978-9928-105-84-4

L. Beshaj

Reviewer of the journals published by ATINER (*The Athens Institute (A World Association of Academics and Researchers)*).

M. Enesi

Reviewer of the JOURNAL OF EDUCATION AND SOCIAL RESEARCH; ISSN: 2671-3268.

Reviewer of paper presented in BARCELONA CONFERENCE ON EDUCATION (BCE 2022).

M. Plaku

Reviewer of the JOURNAL OF EDUCATION, SOCIETY AND BEHAVIOURAL SCIENCE

Reviewer of the ATHENS JOURNAL OF HUMANITIES & ARTS

S. Vishkurti

Editor in the compilation of linguistic dictionaries:

- Scientific editor for foreign languages: "*Dictionary of Terms in Library and Information Science*", (2018), Nermin Basha, Luljeta Doda Buza, Academy of Albanian Studies, Tirana, ISBN: 978-9928-289-01-8.
- "*French without Effort*", (2010), EUGEN Publishing House (co-editor for the French language), ISBN: 978-99927-54-42-7.
- "*Dictionary of Pathology Terms*", (2009), Institute of Linguistics (co-editor for foreign languages), A. Duro, SH. Subashi. ISBN: 978-99956-10-61-6, 631 pages.

PROJEKTE, TEMA STUDIMORE & AKTIVITETE TË TJERA
KËRKIMORE-SHKENCORE/ RESEARCH-SCIENTIFIC PROJECTS,
STUDY THESIS & OTHER ACTIVITIES

- **F. Vrapì: Project Coordinator** for the Grant Project between PUT and the Japanese Government: "Support Programme for Organizations in Japanese-Language Education (Grants), Teaching Materials Purchase Grant" in:
 - Acceptance of Japanese Language Teaching Materials Grant in 2019-2020
 - Acceptance of Japanese Language Teaching Materials Grant in 2020-2021
 - Acceptance of Japanese Language Teaching Materials Grant in 2021-2022
- **F. Vrapì: Project Coordinator** for the Grant Project for the establishment of the Japanese Language Laboratory, funded by the Japanese Government (2018-2019).
- **E. Stojani: Project Leader** for the project: "*Improvement of Communication Skills through Learning Japanese Language*", a project funded by the *Japan Foundation* under the call for Grants in the "Japanese Language Education Overseas" program. The project is developed for the academic year 2024-2025.
- **E. Stojani: Project Leader** for the project: "*Understanding Japanese Culture through Japanese Language Study*", a project funded by the *Japan Foundation* under the call for Grants in the "Japanese Language Education Overseas" program. The project was developed for the academic year 2022-2023.
- **E. Stojani: Scientific Coordinator** for the project: "*Training on Project Pedagogy / Evolution of ICT Application in Foreign Language Teaching*", a project funded by AUF (Agence Universitaire de la Francophonie). The project was won through international competition in the FORMATHECO call for "*Educational Innovation Training through ICT 2019*" for the Southeastern Europe axis. The project was developed for the academic year 2019-2020.
- **E. Stojani: Scientific Coordinator** for the project: "*Training of New Professionals for Better Integration into the Labor Market*", within the framework of the 2017-2021 strategy of the Agence Universitaire de la Francophonie (AUF). The project was developed for the academic year 2018-2019.
- **E. Stojani: Training** in "*Enrichir les pratiques enseignantes grâce à l'utilisation de Laboratoires Multimédia Pédagogiques (LMP) avec intégration de l'IA*", organised by ESFAM (Ecole de Management de la Francophonie de Sofia, 9-11 December 2024).
- **L. Beshaj: Project Coordinator** for the Jean Monnet module on EU Multilingualism, Language Education, and Intercultural Dialogue (EUMLEID), REFERENCE NUMBER – 101047559, funded by the European Commission, European Education and Culture Executive Agency, from February 2022 to February 2025.
- **L. Beshaj: Project Director for Albania:** Proposal acronym: YouCOME, Proposal number: 101051853, funded by the European Commission, European Education and Culture Executive Agency, from February 2022 to March 2024.
- **L. Beshaj: Project Director** for: *Children's card to strengthen children's rights, R2-16*, funded by Save the Children/Terres des Hommes, from March 2017 to December 2017.
- **L. Beshaj: Project Director** for: *Sport as an integration instrument for Women*, funded by

Summary of Research and Scientific Activity

©2025 Faculty of Mathematical Engineering & Physical Engineering - Polytechnic University of Tirana

Tirana Municipality, from February 2018 to August 2018.

- **L. Beshaj: Project Director** for Albania: *Cultural Studies in Business*, Agreement n° 2018-1-IT02-KA203-048091, funded by the EU, ERASMUS+, from Jan. 2018 to February 2020.
- **L. Beshaj: Project Director** for: *Youth active in decision making*, funded by Tirana Municipality, from March 2019 to December 2019.
- **L. Beshaj: Project Director** for: “*Social inclusion Through the multi-functional center In Prrenjës, SADI HALILI*” (SATI), CIG Z0F270E953 Prot. n. 904/2019, funded by ICSE-Co. / ICSE&Co. (International Center for Southern Europe), from February 2019 to June 2019.
- **L. Beshaj: Project Director** for: *Safe and Healthy Children*, Agreement no. ALB2019/006, funded by UNDP, from June 2019 to July 2020.
- **L. Beshaj: Member** of the working group for the “*Study on Youth Employment in the Western Balkans*”, April 2021.
- **R. Dida:**

1. Within the framework of the Japanese Project: Grant Program for Japanese Language Education Activities supported by the Japan Foundation

- **2024 - Developer and coordinator** of the project ‘*Workshop Japanese Study Day II*’, October 2024
- **2022 - Developer and coordinator** of the project ‘*Workshop Japanese Study Day I*’, October 2022
- **February 2021 - Organizer** of the 2-day seminar “*Let’s Learn Japanese*”
- **June 2019 - Organizer** of the 3-day seminar “*Let’s Learn Japanese*”
- **June 2018 - Organizer** of the 3-day seminar “*Let’s Learn Japanese*”
- **2016 – 2017 - Developer and coordinator** of the project ‘*Translation, compilation, and publication of the Hiragana and Katakana teaching book “Kana Nyu Mon Shqip”*’
- **2015 – 2016 - Developer and coordinator** of the project ‘*Compilation and publication of the grammatical explanation in Albanian for the Japanese language method: “Japanese for All 2”*’
- **2013 – 2014 - Developer and coordinator** of the project ‘*Compilation and publication of the grammatical explanation in Albanian for the Japanese language method: “Japanese for All 1”*’
- **2011 – 2012 - Developer and coordinator** of the project ‘*Compilation and publication of the Japanese-Albanian Dictionary*’

2. Support Program for Organizations in Japanese-Language Education (Grants); Teaching Material Purchase Grant:

- **2021 – 2022 - Developer and coordinator** of the project ‘*Acceptance of Japanese language teaching materials Grant*’ supported by the Japan Foundation.
- **2020 – 2021 - Developer and coordinator** of the project ‘*Acceptance of Japanese language teaching materials Grant*’ supported by the Japan Foundation.
- **2019 – 2020 - Developer and coordinator** of the project ‘*Acceptance of Japanese language teaching materials Grant*’ supported by the Japan Foundation.

3. Assistance for Cultural Grassroots Projects of Japan

- **2018 – 2019 - Developer and coordinator** of the Grant project for the establishment of the Japanese Language Laboratory, funded by the Japanese Embassy.

➤ **V. Kanini**

- **Teaching mobility** in University of Ruse, Bulgaria “Angel Kanchev” within the Erasmus+ Program of the European Union, under project of the University of Ruse with the National Erasmus+ agency of Bulgaria №2022-1-BG01-KA171-HED-000069917, according to the signed bilateral Erasmus agreement between University of Ruse and Polytechnic University of Tirana and according to the signed Mobility agreement between University of Ruse and the invited teacher. Period: 13/05/2024 - 17/05/2024.
- **Training Mobility** of Individuals, Erasmus +KA107:ICM, Samsun, Turkey. Period: 08/05/2023-12/05/2023.
- **Team Leader** of English-Speaking Examiners for all levels of English Language proficiency testing. This certification is accredited by Cambridge University Press and Assessment, in collaboration with the English Cultural Institute, Tirana, Albania.

➤ **J. Bojaxhi**

- **Speaking Examiner**, Certification of the English Language Proficiency Exam for Levels A1-C2, Cambridge University Press and Assessment.

➤ **S. Vishkurti: Member of the Project:** “*La motivation dans l’enseignement et l’apprentissage du FLE*” (December 2013 - June 2014), CREFECO. Project leader: Ms. Esmeralda Kromidha, University of Tirana. Schools and universities in Albania, North Macedonia, and Armenia.

➤ **S. Vishkurti: Co-responsible** for the Polytechnic University of Tirana in the project “*Mutualisation des formations en FOS sur des réseaux universitaires (droit et économie)*” (2010 – 2013). Project leader – Ms. Eufrosinia Axenti. Leading university: State University of Moldova, Moldova. Partner universities: University of Tirana, Albania; Polytechnic University of Tirana, Albania; Paul-Valéry University (Montpellier III), France; Blaise Pascal University (Clermont-Ferrand II), France.

➤ **S. Shkurti: External expert** engaged by the Public Agency for Accreditation of Higher Education for the evaluation of new study programs (February 2009).

➤ **S. Vishkurti: Participant** in the second regional seminar on scientific research “*La motivation dans l’apprentissage et l’enseignement du FLE*”, Focșani - Odobești (Romania). (October 2014).

➤ **S. Vishkurti: Participant** in the symposium on projects funded by the Agence Universitaire de la Francophonie “*Coopération universitaire multilatérale francophone en Europe Centrale et Orientale*”, Teaching and Research on the French Language, Târgoviste, Romania (March 2013).

➤ **S. Vishkurti: Participant** in the Doctoral School 268 “*Langage et langues*”, University of Sorbonne Nouvelle, Paris III, France (March 2013).

➤ **S. Vishkurti: Participant** in the roundtable “*La recherche didactique en Europe Centrale et Orientale*”, Cluj-Napoca, Romania (December 2009).

- **S. Vishkurti, Trainer:** "Exploitation de l'image en cours de FLE," organized by the Agence Universitaire de la Francophonie (AUF) and the Faculty of Foreign Languages, University of Tirana, June 2016.
- **S. Vishkurti, Trainer:** "Communication et écrits professionnels dans l'entreprise," AUF, Campus Numérique de Tirana, University of Tirana, May 3-4, 2023.
- A. Kisi, **S. Vishkurti, M. Plaku, Trainer:** "Maîtriser l'art de la vidéo: de la conception à la réalisation des capsules," Campus Numérique de Tirana (AUF), University of Tirana, and Polytechnic University of Tirana, March 26-28, 2024.
- **A. Brahja:**
 - **Erasmus Teaching** Exchange between PUT and Orleans University, France, from February 26 to March 1, 2024, focused on teaching the English language.
 - **Erasmus Teaching** Exchange for the second-cycle Master of Science program at the Faculty of Civil Engineering, Department of Civil Engineering, for French students from ESTP, academic year 2023-2024, first semester (October 2023 - January 2024), focused on teaching English for specific purposes.
 - **Erasmus + KA107** for *training mobility* at Ondokuz Mayıs University, Faculty of Engineering, Department of Electrical and Electronics Engineering, Samsun, Turkey. May 08-12, 2023.
 - **Member** of the working group for "Japanese Language and Culture. Learning Japanese through Calligraphy." Polytechnic University of Tirana, 2016, Tirana, Albania.
 - **Member** of the working group for the presentation of the Japanese language and the methodology "Minna no Nihongo" – Japanese for Everyone. Polytechnic University of Tirana, 2014, Tirana, Albania.
 - **Trainer** at the 14th ELTA Albania International Conference "GLOBAL PERSPECTIVES ON ENGLISH LANGUAGE TEACHING." Tirana, Albania, May 10-11, 2024.
- **L. Gjata: Expert** in the Research Project Candidature "*French-Somali Bilingual Dictionary*", requested by the Middle East Office of the Agence Universitaire de la Francophonie (AUF), September 2014.
- **V. Karapici,** Teachers Trainer and TOT, British Council Project: "*21st Century Schools', Critical Thinking and Problem Solving and Micro: Bit Implementation*," Tetor 2018- Qershor 2020.
- **V. Karapici,** L. Stefani Koordinatore e programeve të matures shtetërore e gjuhës angleze 2016-2027, gjuhës greke 2017-2018, MASR
- **V. Karapici,** L. Stefani: Koordinatore e programeve të provimeve të lirisimit të gjuhës italiane 2016-2017, MASR

UDHËHEQJE DISERTACIONESH/ PhD DISSERTATIONS SUPERVISIONS

F. Vrapì

1. *Scientific Supervisor* of the Doctorate titled “*Contemporary Developments in ESP (Study in Electronic Engineering)*.” PhD student: Vanina Kanini (Bilimani), University of Tirana, 2015.
2. *Scientific Supervisor* of the Doctorate titled “*Anglicisms in the Formation of Terminology in Informatics and Electronics: (Case Study: Terminology in Computer Engineering and Electrical Engineering)*”. PhD student: Jola Bojaxhi, University of Tirana, 2022.

L. Gjata

Scientific Supervisor of the Doctorate titled “*The Role of the Teacher in Teaching English for Specific Purposes (ESP) for Communication Purposes*.” PhD student: Adriana Thomollari, University of Tirana, 2015.

S. Vishkurti

1. *Scientific Supervisor* of the Doctorate titled “*Curriculum and Teaching/Learning Strategies for English Language at the Polytechnic University of Tirana*.” PhD student: Margarita Paci, University of Tirana, 2015.
2. *Scientific Supervisor* of the Doctorate titled “*The Importance of Language Education in the Quality of Education and the Integration of Young People into Society – A Challenge for the Albanian Education System*.” PhD student: Marjola Haxhiu, The Albanological Studies Center (Qendra e Studimeve Albanologjike), 2016.

TEKSTE- BOOKS

F. Vrapì, E. Frashëri, *Gjuhë e Huaj dhe Komunikimi*, Tiranë, Gusht 2021, Shtë botuese “ENEAS”, ISBN: 978-9928-306-14-2

F. Vrapì, *English Language Education in Albania*, Baseline Study 2003, ISBN: 99927-963-3-2.

F. Vrapì, *Praktikim i gjuhës angleze*, (bashkëautor), SHBLU, 1994.

S. Kaba, **F. Vrapì**, *Gjuha angleze për studentët e Fakultetit të Gjeologji-Minierave*, SHBLU, Tirana 1990.

F. Vrapì, *Përpilimi i teksteve të reja shkollore për studentët e Fakulteteve me profil inxhinierik*, 1988-1989.

B. Çiço, **L. Gjata**, D. Çiço, “*Komunikimi Inxhinierik*”, Shtëpia Botuese “Mirgealb” Tiranë, 2010, ISBN 978-99956-88-33-2.

A. Shumeli, E. Skendaj, **L. Beshaj**. *ESP “English for the students of the Faculty of Natural Sciences “*, Tirane 2017.

L. Beshaj, J. Gjermani. *ESP “English for the students of Psychology” per studentet e Psikologjise*, Tirane 2019.

R. Dida, B. Dida, Translation, Compilation and Publication of Japanese Language Alphabets Hiragana and Katakana, *Kana Nyumon Shqip*, Tiranë, Maj 2017, ISBN 978-9928-208-31-6

R. Dida, B. Dida, *Minna no Nihongo II* (Japonishtja për të gjithë), Përkthim dhe Shpjegim Gramatikor në shqip, Tiranë, Qershor 2016, ISBN 978-99281-999-8-0

R. Dida, B. Dida, *Minna no Nihongo I* (Japonishtja për të gjithë), Përkthim dhe Shpjegim Gramatikor në shqip, Tiranë, Prill 2014, ISBN 978-99281-992-1-8

R. Dida, *Fjalor Japonisht – Shqip*, Tiranë Prill 2012, ISBN – 978- 99956-37-52-1

S. Vishkurti, *Français de l'économie et de la communication professionnelle*, bot. Flesh, Tiranë 2013, 107 f., ISBN: 978-9928-13-131-7.

S. Vishkurti, *Gjuha shqipe në fushën profesionale*, Tiranë 2014, bot. “A&N”, 164f. ISBN : 978-9928-111-38-8.

M. Totozani (Universiteti J. Monnet), **S. Vishkurti** (PUT), “*Le marché aux langues en Albanie : quelle place pour le français?*”. pp.187-203, *Chapitre dans le livre: Djordjevic-Leonard K., Kostov I., Enseignement- apprentissage du FLE dans les Balkans : points de vue et études de cas*, Canteranno, Lingua d’Europa e del Mediterraneo, Premiere Edition, Roma XX Juin 2021. ISBN: 979-12-5994-199-2.

V. Karapici, L. Stefani: ‘*Udhëzues Kurrikular Lëndor Për Gjuhën E Huaj*’ Material ndihmës për mësuesit e gjuhës së huaj në arsimin e mesëm të lartë, MASR, IZHA 2018

V. Karapici, L. Stefani: *Udhëzues Kurrikular Lëndor Për Gjuhën E Huaj* Material ndihmës për mësuesit e gjuhës së huaj në arsimin e mesëm të ulët, MASR, IZHA 2018.

J. Kole, A. Avrami, M. Kole, *Sekretet e lidhjeve te qendrueshme te foljeve me parafjale ne gjuhen gjermane*, Shtëpia botuese ”Print 2000”, Tiranë 2011.

PJESËMARRJE NË KOMITETE SHKENCORE TË KONFERENCAVE ETJ. PARTICIPATION IN SCIENTIFIC COMMITTEES OF CONFERENCES ETC.

A. Brahja

Member of the Scientific Committee of the 14th ELTA Albania INTERNATIONAL CONFERENCE "GLOBAL PERSPECTIVES ON ENGLISH LANGUAGE TEACHING," May 2024, Tirana, Albania.

Member of the Organizing Committee of the INTERNATIONAL CONFERENCE "THE MANY LANGUAGES OF EUROPE, A WEALTH TO PRESERVE," November 2012, Tirana, Albania.

Member of the Organizing Committees of the 14th ELTA Albania INTERNATIONAL CONFERENCE "GLOBAL PERSPECTIVES ON ENGLISH LANGUAGE TEACHING," May 2024, Tirana, Albania.

I. Shehu

Member of the Organizing Committee of the INTERNATIONAL CONFERENCE "THE MANY LANGUAGES OF EUROPE, A WEALTH TO PRESERVE," November 2012, Tirana, Albania.

M. Enesi

Board Member of the FIRST NATIONAL STUDENT CONFERENCE "CHALLENGES OF EDUCATION IN THE 21ST CENTURY," December 14, 2018 Aleksandër Moisiu University, Faculty of Education, Department of Foreign Languages Durrës, Albania.

Member of the Organizing Committee of the SECOND INTERNATIONAL CONFERENCE "CROSSROADS OF FOREIGN LANGUAGES, LINGUISTICS, LITERATURE, DIDACTICS", 15-16 May 2016, Durrës, Albania

Member of the Organizing Committee of the 4th INTERNATIONAL CONFERENCE ON FOREIGN LANGUAGE EDUCATION AND CULTURE. 7 June 2019, Durrës, Albania.

J. Bojaxhi

Member of the Organizing Committee of the INTERNATIONAL CONFERENCE "THE MANY LANGUAGES OF EUROPE, A WEALTH TO PRESERVE," November 2012, Tirana, Albania

S. Vishkurti

Member of the Scientific and Organizing Committee of the NATIONAL CONFERENCE "ADVANCED STUDIES IN THE FIELD OF MATHEMATICAL AND PHYSICAL ENGINEERING," Polytechnic University of Tirana, in the years 2011, 2017, 2022.

Member of the Scientific Committee of the INTERNATIONAL CONFERENCE "APPROCHE PAR COMPÉTENCES," Chişinău (Moldova), December 16, 2016.

Member of the Scientific Committee of the INTERNATIONAL COLLOQUIUM "ISSUES IN DIDACTICS AND GRAMMAR OF LANGUAGES," Chişinău (Moldova), April 26, 2013.

F. Vrapì

Member of the Organizing and Scientific Committees of THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING AND APPLIED SCIENCE (ICEAS2017), 16-17 November, 2017, Tirana, Albania. Contributed to the organization of two sections on *Specialized Language and Communication*.

Member of the Organizing and Scientific Committees of the NATIONAL CONFERENCE "ADVANCED STUDIES IN MATHEMATICAL, PHYSICAL, AND CHEMICAL ENGINEERING," held on October 28, 2011, Tirana, Albania.

Member of the Scientific Committee of the INTERNATIONAL CONFERENCE "THE MANY LANGUAGES OF EUROPE, A WEALTH TO PRESERVE," November 2012, Tirana, Albania

Member of the Organizing Committee of the 11th BALKAN CONGRESS ON MINERAL ENRICHMENT.

Member of the Executive Committee of the 11th BALKAN CONGRESS ON MINERAL ENRICHMENT.

Member of the Editorial Committee of the 11th BALKAN CONGRESS ON MINERAL ENRICHMENT.