




REPUBLIC OF NORTH MACEDONIA
MINISTRY OF EDUCATION AND SCIENCE



7th TSD 2023

TOWARDS SUSTAINABLE DEVELOPMENT

International Congress and Conferences

November 6&7; 2023 • Skopje
<https://conference.unt.edu.mk>

AGENDA – for Monday, (06.11.2023)

09:00 – 10:00	REGISTRATION - LOCATION MTU B102
10:00 – 12:00	
Ceremonial Part of the Conference is with Physical Attendance	
10 min	Opening Speech Organizing Conference General Chair Prof. Dr. Bekim Fetaji
10 min	UNT Rector – Welcome Speech Prof. Dr. Izet Zeqiri
20 min	Minister of Education and Science Dr. Jeton Shaqiri
20 min	Director of IEEE Section of North Macedonia Prof.Dr. Anastas Mishev
20 min	Director of FITR of North Macedonia Assoc.Prof.Dr. Festim Halili
20 min	Chief Executive Officer (CEO) Laigo GmbH, Germany Michael Bauner
20 min	Advisor to the Prime Minister of North Macedonia Johannes Heidecker
20 min	EMUworks LLC; secBase GmbH, President of Middleclass Industry in Bavaria Fabian Ewald
20 min	U.S.A Exchanges & Alumni Coordinator Gazmend Ilazi
12:00 – 12:05	Delivering Certificates for Keynote Speakers
12:05 – 12:35	Coffee BREAK
12:35 – 13:15	Panel Session with the Keynote speakers and invited Guest from Germany: Gerhard Untiedt GUt@ewe.net

AGENDA - Tuesday (07.November.2023) Conferences

Timing	Room	Conferences	[Total # of papers: 89]
10:00 – 14:00	107	1 - CONFERENCE: Technical & Economic Aspects of Sustainability, Climate Change Energy: Challenges - 20 1– Online Video Link https://meet.google.com/xam-xtav-ccj Moderators and Reviewers: Assoc.Prof. Dr. Neritan Turkeshi, Doc. Dr. Urime Demiri Shaipi, Assoc.Prof.Dr. Olivera Petrovska, Assoc.Prof.Dr.Bukurije Imeri Jusufiand Invited Chair from Authors	
10:00 – 14:00	215	2 - CONFERENCE: New Horizons in Civil Engineering and Architecture - 08 2– Online Video Link https://meet.google.com/bjz-axru-bzi Moderators and Reviewers: Isak Idrizi, Armir Ferati, Invited Chair from Authors	
10:00 – 14:00	206	3 - CONFERENCE: ICT, Mathematics, Cyber Security and AI Challenges - 19 3 – Online Video Link; https://meet.google.com/etp-marg-jyt Moderators and Reviewers: Bekim Fetaji, Majlinda Axhiu, Invited Chair from Authors	
10:00 – 14:00	312	4 - CONFERENCE: Technological, natural sciences and art in the new millennium and education - 15 4 – Online Video Link; https://meet.google.com/cck-snjp-zar Moderators and Reviewers: Sani Demiri, Arita Sabriu Haxhijaha, Emira Ymeri, Drita Abazi Invited Chair from Authors	
10:00 – 14:00	112	5 - CONFERENCE: Social sciences in the new millennium and miscellaneous - 27 5 – Online Video Link; https://meet.google.com/niz-tutu-fiq Moderators and Reviewers: Elisabeta Bajrami Ollogu, Nita Beluli, Daniel Pavlovski , Drenusha Kamberi	

A G E N D A – for Tuesday, (07 .1 1 . 2 0 23)

Timing	Technical & Economic Aspects of Sustainability, Climate Change and Energy: Global and local Challenges 1– https://meet.google.com/xam-xtav-cvj	Chairs: Neritan Turkeshi, Urime Demiri Shaipi, Olivera Petrovska, Bukurije Imeri Jusufi
10:00 – 15:00	Each presentation has 10 minutes and up to 5 minutes for Questions and Answers after the presentation	
- Keynote Speaker Fatima Pobrklić		
1	Fatima Pobrklić, Social Sciences Research Center, International Burch University, fatima_pobrklic@ibu.edu.ba	University Curricula in Support of Sustainable Development and Circular Economy in Bosnia and Herzegovina
2	Rron Tuda, Faculty of technical sciences, rrontuda25@gmail.com	Creating a Parking sensor by utilizing Arduino
3	Rron Tuda, Faculty of technical sciences, rrontuda25@gmail.com	Smart Electrochromic Materials
4	Mirjeta Ilazi, m.ilazi@seeu.edu.mk	Economic indicators for sustainable development of the food industry in Republic of North Macedonia, region of Polog
5	Prof. Dr. Festim Halili, Faculty of Natural Sciences and Mathematics, Department of Informatics, University of Tetova, North Macedonia, festim.halili@unite.edu.mk: Director of Fund for Innovations and Technology Development- Skopje, festim.halili@fitr.mk Vera Dimitrievska, University of American College, Skopje, email: vdimitrievska@gmail.com Dr.Vjollca Rushaj, State Advisor, Ombudsman of the R.N. Macedonia, vrusaj@ombudsman.mk	THE NEED FOR DIGITALIZATION IN ACHIEVING THE GOALS OF THE NEW PROPOSED SOLUTIONS DRIFTED BY SDG – THE CASE OF NORTH MACEDONIA
6	1) Assoc.Prof.Dr. Neritan Turkeshi (Mother Teresa University, Skopje)neritan.turkeshi@unt.edu.mk; 2) Abil Baush (PhD candidate, at International Balkan University, Skopje) abilbaush@yahoo.com, abil.baush@ibu.edu.mk	The Role Of Pisa Testing Economic Growth And Development- Relations Between The European Union And The Western Balkans Countries
7	1) Olivera Petrovska, University Mother Teresa Skopje, olivera.petrovska@unt.edu.mk 2) Ivica Stoilovski, University Mother Teresa Skopje, ivica.stoilovski@students.unt.edu.mk 3) Andon Petrovski, 3 24 ING dooel Bitola, 24ingbt@gmail.com	Designing the line coordinated control of the traffic light signal plan
8	1) Olivera Petrovska, University Mother Teresa Skopje, Republic of North Macedonia olivera.petrovska@unt.edu.mk 2) Andon Petrovski, 24 ING dooel Bitola, Republic of North Macedonia, 24ingbt@gmail.com	Determination of the traffic regime during the rehabilitation and repair of a state road
9	1) Monika Lutovska, Mother Teresa University, RSM, monika.lutovska@unt.edu.mk; 2) Vladimir Mijakovski, University St. Kliment Ohridski, RSM, vladimir.mijakovski@uklo.edu.mk; 3) Albina Mucha, Mother Teresa University, RSM, albina.muca@unt.edu.mk; 4) Almir Rushiti, Mother Teresa University, RSM, almir.rushiti@unt.edu.mk; 5) Rron Tuda, student, RSM, rrontuda25@gmail.com.	Examining OSH knowledge in different economic branches in RNM
10	1.Abidin Zenku Mother Teresa University, North Macedonia, (abidin.zenku@students.unt.edu.mk) 2.Rushan Ceka Mother Teresa University , North Macedonia, (rushan.ceka@unt.edu.mk) 3.Monika Lutovska Mother Teresa University, North Macedonia , (monika.lutovska@unt.edu.mk) 4.Stevan Kjosevski Mother Teresa University , North Macedonia (stevan.kjosevski@unt.edu.mk)	PM particles as air pollutant in city of Skopje

11	1) Stevan Kjosevski, Mother Teresa University, North Macedonia, stevan.kjosevski@unt.edu.mk, 2) Atanas Kochov, University Ss. Cyril and Methodius, North Macedonia, atanas.kochov@mf.edu.mk	Smart Specialization strategy for sustainable development
13	1) Mother Teresa University, North Macedonia (rilind.ademi@unt.edu.mk) 2) Mother Teresa University, North Macedonia (bukurie.imeri@unt.edu.mk) 3) Mother Teresa University, North Macedonia (zana.beqiri.luma@unt.edu.mk) 4) Mother Teresa University, North Macedonia (bujamin.bela@unt.edu.mk)	Inflation in North Macedonia – an assessment of the factors that contributed to it
14	1) Bukurie Imeri-Jusufi, Faculty of Economics, Univeristy „Mother Teresa“-Skopje Republic of North Macedonia e-mail: bukurie.imeri@unt.edu.mk 2) Rilind Ademi, Faculty of Economics, Univeristy „Mother Teresa“-Skopje Republic of North Macedonia, rilind.ademi@unt.edu.mk, 3) Zana Beqiri Luma, Faculty of Economics, Univeristy „Mother Teresa“-Skopje Republic of North Macedonia zana.beqiri.luma@unt.edu.mk, 4) Bujamin Bela, bujamin.bela@unt.edu.mk, Faculty of Economics, Univeristy „Mother Teresa“-Skopje Republic of North Macedonia	Consumer basket- prices and wages in the Republic of North Macedonia
15	Urime Demiri - Shaipi, "Mother Teresa" University, Skopje, North Macedonia	Workplace Stress among High School Teachers in Skopje: the Role of Demographic Factors
16	Bekim Fetaji ¹ , Izet Zeqiri ² 1) Mother Teresa University, North Macedonia, (Bekim.fetaji@unt.edu.mk) 2) Mother Teresa University, North Macedonia, (izet.zeqiri@unt.edu.mk)	The Application of Big Data Analytics for University Management: Improving Decision-Making and Supporting Personalized Learning
17	1. Bujamin Bela, PHD in Economic Science, University Mother Teresa, Skopje, bujamin.bela@unt.edu.mk 2. Bukurie Imeri - Jusufi, PHD in Economic Science, University Mother Teresa, Skopje, bukurie.imeri@unt.edu.mk 3. Izet Zeqiri, PHD in Economic Science, University Mother Teresa, Skopje, izet.zeqiri@unt.edu.mk	“Addressing Youth Empowerment Through Economic Education”- A Crucial Concern for Organizational Success
18	1) Zoran Gacovski, Mother Teresa University, N. Macedonia, zoran.gacovski@unt.edu.mk; 2) Ruben Nuredini, Hochschule Heilbronn, Germany, ruben.nuredini@hs-heilbronn.de	Queuing Model of the Highway Pay toll System using SimEvents
19	Doc. Dr. Valbona Hajretin, Faculty of Technical Sciences, State University “Mother Teresa”-Skopje, valbona.hajretin@unt.edu.mk; Law Department, Fund for Innovations and Technology Development- Skopje, valbona.hajretin@fitr.mk; Prof. Dr. Festim Halili, Faculty of Natural Sciences and Mathematics, Department of Informatics, University of Tetova, North Macedonia, festim.halili@unite.edu.mk:	THE NEED FOR DIGITALIZATION IN ACHIEVING THE GOALS OF THE NEW PROPOSED SOLUTIONS DRIFTED BY SDG –THE CASE OF NORTH MACEDONIA
20	Izet Zeqiri, PHD in Economic Science, University Mother Teresa, Skopje, izet.zeqiri@unt.edu.mk	THE ROLE OF LEADERSHIP IN CREATING STRATEGIC ADVANTAGE OF COMPANIES

Q & A Session for all presentation

Timing	2 - CONFERENCE: New Horizons in Civil Engineering and Architecture 2– Online Video Link https://meet.google.com/bjz-axru-bzj	Chairs: Isak Idrizi, Armir Ferati, Invited Chair from Authors
10:00 – 14:00	Each presentation has 10 minutes and up to 5 minutes for Questions and Answers after the presentation	
- Keynote Speaker Prof.Dr. Sanja Avramoska		
1	1) Sanja Avramoska, Ss. Cyril and Methodius University, North Macedonia, avramoska.sanja@arh.ukim.edu.mk; 2) Adelina Fejza, Mother Teresa University, North Macedonia, adelina.fejza@unt.edu.mk	Enhancing Riverfront Social Connectivity in Brownfield Redevelopment Projects in Germany
2	Adelina Fejza, Mother Teresa University, North Macedonia, adelina.fejza@unt.edu.mk; Sanja Avramoska, Ss. Cyril and Methodius University, North Macedonia, avramoska.sanja@arh.ukim.edu.mk	Riverfront land use and its further redevelopment
3	Isak Idrizi, Associated Professor in Faculty of Civil Engineering and Architecture, Mother Teresa University - Shkup, North Macedonia, (isak.idrizi@unt.edu.mk); Zekirija Idrizi, Professor in Faculty of Civil Engineering and Architecture, Mother Teresa University - Shkup, North Macedonia, (isak.idrizi@unt.edu.mk); Blerta Idrizi, Student in Bachelor Studies in Faculty of Informatics, Mother Teresa University - Shkup, North Macedonia, (bi211101.student@unt.edu.mk)	Interactive Seismic Analysis Kit (ISAK) App – Phase 1 – Building the GUI
4	Ilir Hetemi1, Ragip Behrami2 1. Assistant Professor at UBT, Prishtina, Republic of Kosova, (ilir.hetemi@ubt-uni.net) 2. PhD, IZIIS Skopje, Republic of Kosova, (rbehrami@gmail.com)	Applicable Method for Revision of Construction Contract Prices due to Inflation
5	Ragip Behrami1, Ilir Hetemi2, Ermal Osaj3, Egzon Përquku4 and Arton Qorri5 1PhD student, IEEEES Shkup, Republic of Kosova, rbehrami@gmail.com 2Assistant Professor, UBT Prishtina, Republic of Kosova, ilir.hetemi@ubt-uni.net3BSc., UBT Prishtina, Republic of Kosova, ermalosaj@gmail.com4MSc., FNGJ, UP Prishtina, Republic of Kosova, egzonperquku@outlook.com 5Assistant Professor, UBT Prishtina, Republic of Kosova, arton.qorri@ubt-uni.net	Comparison of calculated inter-story drifts with deviations during execution of a seven story residential building
6	Authors: Anita Mustafi1, Bediha Ziberi2, Isak Idrizi3 1 Student in Master Studies in Faculty of Civil Engineering and Architecture, Mother Teresa University - Shkup, North Macedonia (anita.mustafi@students.unt.edu.mk) 2 Student in Master Studies in Faculty of Civil Engineering and Architecture, Mother Teresa University - Shkup, North Macedonia (bediha.ziberi@students.unt.edu.mk) 3 Professor in Faculty of Civil Engineering and Architecture, Mother Teresa University - Shkup, North Macedonia, (isak.idrizi@unt.edu.mk)	Design of RC structures on aggressive environments for durability
7	Idaver Huseini1, Lisa Jusufi2, Semijal Hasani Ziberi3*; 1 Faculty of applied sciences University of Tetova, Tetova 2 Constuction and trading company - MODING, Tetova, 3 Faculty of Civil Engineering and Architecture, Mother Teresa University - Shkup, Macedonia 3* Corresponding author: semijal.ziberi@unt.edu.mk;	Earthquake resistance assessment of the RC buildings within the hospital center of Gostivar, as a vital facility of Polog region
8	1) Armir Ferati, University Mother Teresa/ Faculty of Engineering and Architecture, armir.ferati@unt.edu.mk; 2) Vebi Fazliu, University Mother Teresa/ Faculty of Engineering and Architecture, vebi.fazliu@unt.edu.mk; 3) Valmir Dalipi, University Mother Teresa/ Faculty of Engineering and Architecture, valmir.dalipi@unt.edu.mk	Struga's Vibrant Heart: Configurational Properties of the Corso

Timing	3 - CONFERENCE: ICT, Mathematics, Cyber Security and AI Challenges 3 – Online; https://meet.google.com/etp-marg-jvt	Chairs: Bekim Fetaji, Majlinda Axhiu, Invited Chair from Authors
10:00 – 14:00	Each presentation has 10 minutes and up to 5 minutes for Questions and Answers after the presentation	
Keynote Speaker Prof.Dr. Ustijana Rechkoska-Shikoska		
1	1) Aleksandar Velinov, Goce Delcev University, aleksandar.velinov@ugd.edu.mk ; 2) Aleksandra Nikolova, Goce Delcev University, aleksandra.nikolova@ugd.edu.mk ; 3) Zoran Zdravev, Goce Delcev University, zoran.zdravev@ugd.edu.mk ;	Survey for the Usage of Cloud Technologies in the Covid-19 Pandemic Period
2	1. Floriana Doko, Faculty of Communication Networks and Security, University of Information Science and Technology “St. Paul the Apostle” 2. Teala Seferi, Faculty of Communication Networks and Security, University of Information Science and Technology “St. Paul the Apostle” 3. Fisnik Doko, Mother Teresa University 4. Arbnor Rushiti, Faculty of Contemporary Sciences and Technologies, SEEU University 5. Anis Sefidanoski, Faculty of Applied IT, Machine Intelligence and Robotics, University of Information Science and Technology “St. Paul the Apostle”	AI: FROM BIG DATA TO NEW USER EXPERIENCE
3	1. Teala Seferi, University of Information Science and Technology "St. Paul the Apostle", teala@cns.uist.edu.mk 2. Floriana Doko, University of Information Science and Technology "St. Paul the Apostle", floriana.doko@cse.uist.edu.mk 3. Fisnik Doko, Mother Teresa University, Skopje 1000, North Macedonia, fisnik.doko@unt.edu.mk 4. Arbnor Rushiti, Faculty of Contemporary Sciences and Technologies, SEEU University, Tetovo/Republic of North Macedonia ar26730@seeu.edu.mk 5. Anis Sefidanoski, Faculty of Applied IT, Machine Intelligence and Robotics, University of Information Science and Technology “St. Paul the Apostle”, Ohrid North Macedonia anis.sefidanoski@uist.edu.mk	CODING SCHEMAS FOR EDGE COMPUTING IN THE ERA OF AI
4	Ilir Demiri ¹ , Bilall Shaini ² , Shpetim Rexhepi ¹ 1 Mother Teresa University, Skopje 2 University of Tetovo, Tetovo	Some Properties on Topological Meanings in Metric Spaces
5	Ilir Demiri ¹ , Shpetim Rexhepi ¹ , Egzona Iseni ¹ and Bilall Shaini ² 1 Mother Teresa University, Department of Mathematics, Skopje, North Macedonia 2 University of Tetovo, Tetovo, North Macedonia	Some relations on special functions including gamma, beta and zeta function
6	1) Danail Runchevski, University for Information Science and Technology “St. Paul the Apostle”, danail.runchevski@cns.uist.edu.mk 2) Ustijana Rechkoska-Shikoska, University for Information Science and Technology “St. Paul the Apostle”, North Macedonia, ustijana.r.shikoska@uist.edu.mk	Cryptography and safeguarding textual and visual information during digital transmission
7	Bilall Shaini ^{1*} , Shpëtım Rexhepi ² , Egzona Iseni ² 1*Department of mathematics, Faculty of Applied Sciences, University of Tetovo, 2Department of mathematics, Mother Teresa University	SOME RESULTS ON THE SPEED OF CONVERGENCE AND NUMERICAL ACCURACY OF THE SOR METHOD

9	Majlinda Fetaji ¹ , Mirlinda Ebibi ² 1 South East European University, North Macedonia, (m.fetaji@seeu.edu.mk), 2 Mother Teresa University, North Macedonia, (mirlinda.ebibi@unt.edu.mk)	Flipped Learning and Creativity: Fostering Innovation and Problem-Solving
10	Mirlinda Ebibi ¹ , Majlinda Fetaji ² , 1 Mother Teresa University, North Macedonia, (mirlinda.ebibi@unt.edu.mk), 2 South East European University, North Macedonia, (m.fetaji@seeu.edu.mk)	Software Virtual Labs: The Next Frontier for Personalized Learning in STEM Education
11	Bekim Fetaji, Mother Teresa University, North Macedonia, (bekim.fetaji@unt.edu.mk)	Data-driven Approach in Devising a New Model for Assessment of Computing Competencies
12	Bekim Fetaji, Mother Teresa University, North Macedonia, (Bekim.fetaji@unt.edu.mk)	Using Machine Learning to Predict Student Performance in Personalized Learning Environment
13	Majlinda Axhiu, Mother Teresa University, majlinda.axhiu@unt.edu.mk	The Importance of Manual Inter-Annotation in the Process of Aspect-Term Extraction in Aspect-Based Sentiment Analysis
14	Mirjana Kocaleva Vitanova, Faculty of Computer science, "Goce Delcev" University, Stip, R. N. Macedonia, mirjana.kocaleva@ugd.edu.mk Elena Karamazova Gelova, Faculty of Computer science, "Goce Delcev" University, Stip, R. N. Macedonia, elena.gelova@ugd.edu.mk	The importance of students meaning in process of creating teaching materials
15	1) Blagoj Shikoski, University of Information Science and Technology St. Paul the Apostle, Macedonia, blagoj.shikoski@cse.uist.edu.mk 2) Dijana Capeska Bogatinoska, University of Information Science and Technology St. Paul the Apostle, Macedonia, dijana.c.bogatinoska@uist.edu.mk	Cloud Computing in ICTs: A Survey
16	1) Blagoj Shikoski, University of Information Science and Technology St. Paul the Apostle, Macedonia, blagoj.shikoski@cse.uist.edu.mk 2) Dijana Capeska Bogatinoska, UIST Ohrid, Macedonia, dijana.c.bogatinoska@uist.edu.mk 3) Halim Halimi, University Tetovo, Macedonia, halim.halimi@unite.edu.mk	Cloud vs Green Cloud
17	1) Teuta Jusufi-Zenku, Mother Teresa University, Skopje, North Macedonia, teuta.zenku@unt.edu.mk ; 2) Limonka Koceva Lazarova, Goce Delcev University, Stip, North Macedonia, limonka.lazarova@ugd.edu.mk ; 3) Marija Miteva, Goce Delcev University, Stip, North Macedonia, marija.miteva@ugd.edu.mk ;	Commutative Neutrix Convolution Product of Fresnel Cosine Integral
18	Vladimir Kitanovski ¹ , Suzana Jordanovska ¹ , Olga Popovska ¹ , Izet Zeqiri ² , Zoran Trifunov ² , Monika Lutovska ² , Arta Axhiu ³ Faculty of Technological Sciences, University Mother Teresa Skopje, North Macedonia (vladimir.kitanovski@unt.edu.mk)	Providing Safe Digital Environment Through Application of Methodology for Prevention of Risky Virtual Trends
19	Limonka Koceva Lazarova ¹ , Natasha Stojkovikj ¹ , Cveta Martinovska-Bande ¹ , Stojance Todorovski ¹ ¹ Goce Delcev University, Stip, North Macedonia, (limonka.lazarova@ugd.edu.mk , natasa.stojkovik@ugd.edu.mk , cveta.martinovska@ugd.edu.mk)	Algorithms for the Shortest Path of Graphs and their Use in Path Navigation
Q & A Session for all presentation		

Timing	4 - CONFERENCE: Technological, natural sciences and art in the new millennium and education 4 – Online; https://meet.google.com/cck-snjp-zar	Moderators and Chairs: Sani Demiri, Arita Sabriu Haxhijaha, Emira Ymeri, Drit Abazi Invited Chair from Authors
10:00 – 15:00	Each presentation has 10 minutes and up to 5 minutes for Questions and Answers after the presentation	
Keynote Speaker Prof.dr. Aziz Pollozhani		
1	Riste Popeski-Dimovski, University "Ss. Cyril and Methodius", North Macedonia, ristepd@gmail.com	3D printing: innovation and promising!
2	Arjan Ganji, Zimere Saiti Musliji, Sani Demiri, Shermin Memed, Zilejhan Mamuti- Faculty of Technological Sciences at "Mother Teresa" University-Skopje, Republic of North Macedonia	Oil Extraction from Spent Coffee Grounds for Sustainable Applications
3	1) Vasko Evkoski, Faculty of Technological Sciences, RSM, vasko.evkoski@students.unt.edu.mk; 2) Suzana Jordanovska, Faculty of Technological Sciences, suzana.jordanovska@unt.edu.mk; 3) Olga Popovska, Faculty of Technological Sciences, olga.popovska@unt.edu.mk; 4) Nevenka Todorovska, Faculty of Technological Sciences, nevenka.todorovska@unt.edu.mk; 5) Vladimir Kitanovski, Faculty of Technological Sciences, vladimir.kitanovski@unt.edu.mk	A comparative study of the effect of detergents with and without enzymes on cotton fabric
4	Vasko Evkoski, Faculty of Technological Sciences, RNM, vasko.evkoski@students.unt.edu.mk; Olga Popovska, Faculty of Technological Sciences, RNM, olga.popovska@unt.edu.mk; Suzana Jordanovska, Faculty of Technological Sciences, RNM, suzana.jordanovska@unt.edu.mk; Emira Ymeri, Faculty of Technological Sciences, RNM, emira.ymeri@unt.edu.mk	A densitometric method for determination of stain colour density of cotton material
5	Olga Popovska 1Faculty of Technological Sciences, "Mother Teresa" University in Skopje, Republic of North Macedonia (e-mail: olga.popovska@unt.edu.mk) 2Institute of Chemistry, Faculty of Natural Sciences and Mathematics, Sts. Cyril and Methodius University, Skopje, Republic of North Macedonia (e-mail: b_bogdanov@yahoo.com)	Some Properties of Aqueous Solutions of L-(+)-Tartaric Acid at Different Concentration
6	Vasko Evkoski1, Olga Popovska1, Suzana Jordanovska1, Emira Ymeri1 1Faculty of Technological Sciences, "Mother Teresa" University in Skopje, Republic of North Macedonia (e-mail: vasko@king.com.mk); (e-mail: olga.popovska@unt.edu.mk) (e-mail: suzana.jordanovska@unt.edu.mk) (e-mail: emira.ymeri@unt.edu.mk)	A densitometric method for determination of stain colour density of cotton material
7	1) Stevan Kjosevski, Mother Teresa University, North Macedonia, stevan.kjosevski@unt.edu.mk 2) Atanas Kochov, University Ss. Cyril and Methodius, North Macedonia, atanas.kochov@mf.edu.mk 3) Monika Lutovska, Mother Teresa University, North Macedonia, monika.lutovska@unt.edu.mk	An approach for introduction of the Curricula in Sustainable Development in Technology at Mother Teresa University
8	Arita Sabriu Haxhijaha, Mother Teresa University- Skopje, R.of North Macedonia, arita.haxhijaha@unt.edu.mk	Optimizing DNA extraction methods for effective GMO analysis in diverse raw food matrices

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Timing	4 - CONFERENCE: Technological, natural sciences and art in the new millennium and education 4 – Online; https://meet.google.com/cck-snjp-zar	Moderators and Chairs: Sani Demiri, Arita Sabriu Haxhijaha, Emira Ymeri, Drit Abazi Invited Chair from Authors
10:00 – 14:00	Each presentation has 10 minutes and up to 5 minutes for Questions and Answers after the presentation	
Keynote Speaker Prof.dr. Aziz Pollozhani		
9	Vladimir Kitanovski1, Sani Demiri1 1. Faculty of Technological Sciences, University Mother Teresa in Skopje North Macedonia (vladimir.kitanovski@unt.edu.mk; sani.demiri@unt.edu.mk)	Sustainable Food Production Systems as part of the Water Energy Food Nexus Integrated in the future list of Carbon Border Adjustment Mechanism
10	Genta Mirzo1, Olga Popovska1 1Faculty of Technological Sciences, "Mother Teresa" University in Skopje, Republic of North Macedonia (e-mail: genta.mirzo@unt.edu.mk) 1Faculty of Technological Sciences, "Mother Teresa" University in Skopje, Republic of North Macedonia (e-mail: olga.popovska@unt.edu.mk)	A modification of conditions in obtaining photos using pinhole photography
11	1) Shpresa Tuda, Department of Mathematics, Faculty of Informatics Sciences, UMT – Skopje, MK, shpresa.tuda@students.unt.edu.mk; 2) Zoran Trifunov, zoran.trifunov@unt.edu.mk, Department of Mathematics, Faculty of Informatics Sciences, UMT – Skopje, MK;	Examining and sketching the graph of Rational Functions using Geogebra
12	Besim Memedi Argjent Muça Faton Bajrami University of Medical Sciences "Rezonanca" -Pristina. University Clinic of Endocrinology. Diabetes and Metabolis diseases, Skopje.	Diabetes and insulin resistency. The role of interleukin-6 (IL-6) in insulin resistency and diabetes mechanism and the role of tumor necrosis factor (TNF- α)
13	1) Vasko Evkoski, "Mother Teresa" University in Skopje, vasko.evkoski@students.unt.edu.mk; 2) Suzana Jordanovska, suzana.jordanovska@unt.edu.mk; Olga Popovsa, Nevenka Todorovska, nevenka.todorovska@unt.edu.mk; Vladimir Kitanovski, vladimir.kitanovski@unt.edu.mk	A comparative study of the effect of detergents with and without enzymes on cotton fabric
14	Shkelqime Sula Mehmeti, "Mother Teresa" University, kime_21@hotmail.com; Aleksandra Avramoska, PHI Centar for Public Health in Kicevo, avramoskaaleksandra@yahoo.com; Suzana Jordanovska, suzana.jordanovska@unt.edu.mk; Nora Limani Bektashi, "Mother Teresa" University, nora.limani@unt.edu.mk; Olga Popovska	Antibacterial activity of four plant essential oils against five different bacterial species
15	1) Teuta Jusufi-Zenku, Mother Teresa University, Skopje, North Macedonia, teuta.zenku@unt.edu.mk; 2) Limonka Koceva Lazarova, Goce Delcev University, Stip, North Macedonia, limonka.lazarova@ugd.edu.mk; 3) Bukurie Imeri-Jusufi, Mother Teresa University, Skopje, North Macedonia, bukurie.imeri@unt.edu.mk; 4) Daniela Stevanoska, Acibadem Sistina, Skopje, North Macedonia, daniela.stevanoska@acibademsistina.mk;	Empowering Girls in STEM: Defying Boundaries, Maximizing Potential
Q & A Session for all presentation		

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Timing	5 - CONFERENCE: Social sciences in the new millennium and miscellaneous 5 – Online Video Link; https://meet.google.com/niz-tutu-fig	Moderators and Chairs: Elisabeta Bajrami Ollogu, Nita Beluli, Daniel Pavlovski , Drenusha Kamberi
10:00 – 15:00	Each presentation has 10 minutes and up to 5 minutes for Questions and Answers after the presentation	
Keynote Speaker Prof.Dr. Rizvan Sulejmani		
1	1) Fati Iseni, Mother Teresa University Skopje, Republic of North Macedonia 2) Agim Jakupi, Mother Teresa University Skopje, Republic of North Macedonia	UKRAINE CONFLICT AND CHANGES IN THE WORLD GEOPOLITICS SINCE THE ANNEXATION OF CRIMEA BY RUSSIA
2	1) Fati Iseni, Mother Teresa University Skopje, Republic of North Macedonia, Fati.iseni@unt.edu.mk 2) Agim Jakupi, Mother Teresa University Skopje, Republic of North Macedonia Agim.jakupi@unt.edu.mk	CONTEMPORARY POLITICS AND CULTURAL CRISIS BETWEEN THE EAST AND THE WEST
3	1) Nefail Emini, South East European University; 2) Qazime Sherifi, Mother Teresa University, qazime.sherifi@unt.edu.mk;	Geopolitics of Israel in Eastern Mediterranean
4	1) Drenusha Kamberi Mother Teresa University - Skopje 2) Gojart Kamberi University for Tourism and Management-Skopje	Dayton Peace Conference: Delegations and platforms for negotiations
5	1) Deniz Memedi, Mother Theresa University, deniz.memedi@unt.edu.mk	North Macedonia's Membership in Black Sea Economic Cooperation (BSEC): A New Chapter in Regional Economic Cooperation
6	1) Drenusha Kamberi - Mother Teresa University - Skopje, 2) Gojart Kamberi - University for Tourism and Management-Skopje	Dissolution of SFRY and independence of the constituent republics: Fulfilling the conditions of statehood
7	Murat ALIU, Mother Teresa University-Skopje	"Ethnic" nationalism as a hostage to European integration: The case of North Macedonia
8	Muamedali Ibrahim, Mother Teresa University, North Macedonia, muamedali.ibrahimi@unt.edu.mk	UCAVs and New Warfare Doctrine in Contemporary Military Strategy and Global Security
9	1) Denis Raufi, University Mother Teresa - Skopje, denis.raufi@unt.edu.mk	Bullying As a Social Problem Throughout the Elementary Schools in The Municipality of Çair and Saraj
10	1) Arta Xhelili, Mother Teresa University, arta.xhelili@unt.edu.mk; 2) Elisabeta Bajrami Ollogu, Mother Teresa University, elisabeta.bajrami.ollogu@unt.edu.mk; 3)Diturije Ismaili, Mother Teresa University, diturie.ismaili@unt.edu.mk; 4) Nita Beluli Luma, Mother Teresa University, nita.beluli@unt.edu.mk	Social media use and adolescent's mental health. The case of North Macedonia
11	1) Daniel Pavlovski, University Mother Teresa in Skopje, Faculty of Social Science, North Macedonia, daniel.pavlovski@unt.edu.mk 2) Daniela Stanojkovska, Institute for Social Activities – Skopje, North Macedonia, danielastanojkovska@yahoo.com	Material deprivation in old age
12	1) Urime Demiri - Shaipi, Mother Teresa University, Skopje, Republic of North Macedonia. 2) Pengiran	Validation of the Perceived Stress Scale (PSS - 10) in Medical and Health Sciences Student in Brunei Darussalam

	Anak Puteri Rashidah Sa'adatul Bolkiah, Institute of Health Sciences, Universiti Brunei Darussalam, Brunei Darussalam	
13	1) Kaltrina Zekolli, PhD, Mother Teresa University; 2) Elisabeta Bajrami Ollogu, PhD, Mother Teresa University	"Family transformations in the lenses of modernism. Intergenerational perceptions"3.
14	1) Mirlinde Bilalli-UNT,RMV- mirlinda.billali@unt.edu.mk; 2.Hava Rexhepi- UNT,RMV-hava.rexhepi@unt.edu.mk; 3. Urime Demiri Shaipi-UNT,RMV- urime.demiri.shaipi@unt.edu.mk	Assessments of the current and desired socio-emotional climate according to the success students show in learning at different educational institutions
15	1) Daniel Pavlovski, University Mother Teresa in Skopje, Faculty of Social Science, North Macedonia, daniel.pavlovski@unt.edu.mk 2) Daniela Stanojkovska, Institute for Social Activities – Skopje, North Macedonia, danielastanojkovska@yahoo.com	Professional capacity for social intervention with older people
16	1) Drenusha Kamberi Mother Teresa University – Skopje 2) Diturije Ismaili Mother Teresa University – Skopje 3) Hava Rexhepi Mother Teresa University - Skopje	EU and North Macedonia in Managing the Mixed - Migration Flow
17	1) Artina Zeqiri, Phd Candidate in Business Administration, University of Tetovo , North Macedonia, artina.ze@gmail.com 2) Izet Zeqiri, Rector, Mother Theresa University, North Macedonia, izet.zeqiri@unt.edu.mk	The role of Emotional Intelligence in organizational culture: Case of Business in RMV
18	1) Arbresh Raveni, Mother Teresa University, North Macedonia, arbresh.raveni@unt.edu.mk 2) Diturije ismaili, Mother Teresa University, North Macedonia, (diturije.ismaili@unt.edu.mk) 3) Elisabeta Bajrami Ollogu, Mother Teresa University, North Macedonia, (elisabeta.bajrami.ollogu@unt.edu.mk)	The effects of emigration in the sustainability of the Pension system in North Macedonia
19	¹ Prof.Assoc.Dr.Albana Demi (Mosho), Professor, “Aleksandër Moisiu”, University of Durrës, Albania e-mail: albanamosho@uamd.edu.al; ² Assoc. Prof.Dr. Diturije Ismaili, Mother Teresa University, e-mail: diturije.ismaili@unt.edu.mk ³ Dr. Eglantina Farruku Lecturer, Epoka University, Tirana, Albania e-mail: efarruku@epoka.edu.al	STRUCTURAL REFORMS AND CHALLENGES OF PRIVATE INSURANCE SECTOR – ALBANIA CASE
20	Lindita Neziri, Mother Teresa University, North Macedonia, lindita.neziri@unt.edu.mk	The individual in the organization. Factors that influence the behavior of the individual in the organization
21	¹ Prof. Assoc. Dr. Gentiana Kraja, Head of Public Administration Department and Professor, “Aleksander Moisiu”, University of Durres, gentianakraja@uamd.edu.al ² Msc.Ikbale Tepelena Lecturer, “Aleksander Moisiu”, University of Durres,	MAPPING THE INDICATING ELEMENTS IN THE RELATION BETWEEN MANAGERS - ALBANIAN CASE

	<p>ikbaletepelena@uamd.edu.al *Dr. Jona Puci Lecturer, University of New York, Tirana, Albania jonapuci@unyt.edu.al</p>	
22	Gent Reçi, Mother Teresa University	Criminal justice simplification: Comparative overview
23	Gent Reçi, Mother Teresa University	The fight against corruption as a prerequisite for the country's integration into the European Union (EU)
24	<p>1) MSc. Bujar Kajolli, "Mother Teresa" University in Skopje, bujar.kajolli@unt.edu.mk; 2) MSc. Ariton Rama, "Mother Teresa" University in Skopje, ariton.rama@unt.edu.mk</p>	THE ROLE OF CIVIL SOCIETY IN CULTURAL HERITAGE: REPUBLIC OF NORTH MACEDONIA AS A CASE STUDY
25	<p>1) Agron Kurtishi, Mother Teresa University; 2) Avni Avdiu, Mother Teresa University, avni.avdiu@unt.edu.mk; 3) Enver Abdullahi, Mother Teresa University, enver.abdullahi@unt.edu.mk; 4) Agron Vrangalla, Mother Teresa University, agron.vrangalla@unt.edu.mk</p>	Artificial Intelligence in modern journalism: challenges and the ethics of using ChatGPT
26	<p>1. Daniel Pavlovski, University Mother Teresa in Skopje, Faculty of Social Science, North Macedonia, daniel.pavlovski@unt.edu.mk 2. Daniela Stanojkovska, Institute for Social Activities – Skopje, North Macedonia, danielastanojkovska@yahoo.com</p>	Professional capacity for social intervention with older people
<p>Round Table Q & A Session for all presentation</p>		