



AGENDA - (25.10.2019)

09:00 – 10:00	Registration	Location
10:00 – 12:00	<p>Conference Opening</p> <p>Conference General Chair Prof. Dr. Bekim Fetaji Minister of Education and Science Dr. Arber Ademi CEO of EVN Macedonia Mr. Stefan Peter Minister of Innovation of the Republic of Kosovo Prof. Dr. Muzafer Shala</p> <p>Keynote Speakers:</p> <p>Prof. Dr. Keiichi Kaneko (Japan) – Dependable communication in interconnection networks Arijana Koskarova (Republic of North Macedonia) – Sustainable Development in Business Andrew Goodspeed (United States of America) - International Perspectives on Attaining Excellence in Republic of North Macedonia's Higher Education Aziz Pollozhani - Perspectives of human capital development in North Macedonia</p>	KIC (Next to MTU Rectorate Building)
12:00 – 13:30	LUNCH BREAK	
13:30 – 17:30	Session I: Sustainability in Economic and Social Context -	MTU – 501
13:30 – 17:30	Session II: Environmental Sustainability and Development	MTU – 301
13:30 – 17:30	Session III: Sustainable development through Innovation, ICT and Education	MTU – 308
13:30 – 17:30	Session IV: Miscellaneous	MTU – 503
15.00 - 15.20	COFFEE BREAK	
17:30 – 18:30	<p>Signing of Joint Degree Agreement between Mother Teresa University and University of Sassari: Master in Migration Management</p> <p>Statement of Rector of University of Sassari, Italy Prof. Dr. Massimo Carpinelli Ambassador of the Republic of Italy in Skopje HE Mr. Carlo Romeo</p> <p>Closing Remarks: Rector of Mother Teresa University in Skopje Prof. Dr. Aziz Pollozhani Certificate Awarding Ceremony</p>	MTU – 301



13:30 - 17:15	Session I: Sustainability in Economic and Social Context Moderators and Chairs: Drenusha Kamberi, Teuta Zenku Jusufi, Bujamin Bela, Daniel Pavlovski	MTU – 501
<ul style="list-style-type: none"> ▪ Key Speaker : Artan Dermala “ Sustainable development in management of education” 1. Brain Drain in Kosovo. Gender and job differences and the relationship with economic growth Kaltrina Kajtazi 2. Architectural challenges for next generation emergency and mission critical wireless sensor networks Simon Bojadjevski, Natasha Anastasova Bojadjevska, Stojan Kitanov 3. An analyse of rewarding programs and its impacts to the level of satisfaction of employees at food industry organizations Bujamin Bela 4. Operational Strategies and Performance Measurement Systems: University Business Incubators in Malaysia Omer Ajdini, Baskaran Angathevar 5. Design and Prototyping of a parametric bamboo structure. Designing with non-standard geometries to be used in a parametric design Gerdi Papa 6. Judiciary challenge of Republic of North Macedonia towards EU direction Fati Iseni, Avni Avdiu <p style="text-align: center;"><u>Coffee Break</u></p> <ul style="list-style-type: none"> 7. Implementation of ABC methods in small business in Republic of North Macedonia Bukurie Imeri Jusufi, Sevxhan Fazlioska 8. Measuring performance in safety and health management Monika Lutovska, Vladimir Mijakovski 9. The status on the implementation of the right to address public authorities in Northern Macedonia Aleksandar Petkovski, Daniel Pavlovski 10. Sustainability of mono-ethnic advertising in the multiethnic state in Western Balkan’s case study Macedonia Agron Kurtishi, Enver Abdullahi 11. Research methodology in the study field of international relations Muhamed Jashari 12. The importance of intellectual property for small and medium-sized enterprises (SMEs) Jordan Delev 		
Poster Session		
<ul style="list-style-type: none"> 13. Sustainable urban strategies applicable in the dense urban matrix of the city of Skopje Radmila Tomovska, Adelina Fejza, Vebi Fazliu 14. The importance of introducing nanotechnology in the educational process Arjan Ganiji, Olga Popovska, Sani Demiri 15. A comparative study traditional dyeing and introducing liposomes Nevenka Todorovska, Olga Popovska 16. Measures and law for the protection of denounced rights Liridon Zenku 17. Application of Newton’s forward interpolation using MATLAB and Wolfram Mathematica Liridon Zenku, Zoran Trifunov 18. Sustainable architecture and sustainable development of cities in postmodern society Iva Petrunova 19. Comparative analysis on fire resistance of RC beams with different cross dimensions according to Eurocode 2 Almir Rushiti, Meri Cvetkovska 20. Eco-strategy as an alternative approach for regeneration of postindustrial landscape Violeta Gjorgjevska 21. A sustainable UV-Vis spectrophotometric method for fluoride determination Arita Sabriu-Haxhijaha, Zimere Saiti-Musliji, Zana Mustafa, Olga Popovska, Aziz Pollozhani 22. Analysis of kindergarten buildings in Maribor, possibilities of reconstruction for improving energy efficiency and functional aspect of the buildings Vesna Lovec, Miroslav Premrov, Vesna Žegarac Leskovar 23. SKYPE: The digital skills among the high-school students in the R. N. Macedonia - Comparative aspects Goran Shibakovski 		
Q & A Session for all presentations		



▪ **Key Speaker: QuiricoMigheli - Sustainable development of system processes**

1. Welding as a technological process and its impact in environment, health and safety at work | IseinAjdari, Aleksandra PorjazoskaKujundziski
2. Environment pollution from waste in the municipality of Gostivar | Latif Latifi, Hasan Rustemi
3. Improving and ecological status of Mavrovo Lake for development of tourism in national park Mavrovo | Hasan Rustemi, Latif Latifi
4. Determination of sugar, acid and moisture content in honey | Nora Limani, DritaAbazi, Olga Popovska, ArifLatifi, ArianitReka
5. Transformation of border towns in the R. of North Macedonia into sustainable urban centers through development of strategic and action plans | DamjanBalkoski
6. Knowledge, Attitude and practice towards occupational safety among dentists in university dental clinic “St. Pantelejmon” and dentists in private clinics in city of Skopje | UrimeDemiri-Shaipi
7. Rational summary of the Pb and Zn concentrates after the analysis of the elemental composition | MuharremZabeli, ZarifeBajraktari-Gashi

Coffee Break

8. Water supply of the city of Gjilan from the “Pogragja” Hydrosystem | Hana Shehu, Kujtim Zena
9. Feed-in tariffs for renewable energy in Northern Macedonia | BlerantRamadani, Albina Muça
10. Analysis of key metallurgical parameters of Fe-Ni production during the years 1984-1997 and 2007-2017 at the new ferronickel smelter in drenas | ZarifeBajraktari-Gashi, MuharremZabeli, BehramHalilaj
11. Influence of coal quality on abrasion of the boiler elements | LidijaJoleskaBureska
12. Comparison of transmission of electromagnetic spectra of Glass and Polycarbonates | UranTuda
13. Introducing traffic calming measures and increasing traffic safety in the school zones – “11th OCTOMBER” primary school in Skopje | Olivera Petrovska, Andon Petrovski, Vesna Antoska-Knights
14. Sustainable urban mobility plans for a successful future of cities | Jovan Hristoski, OliveraPetrovska, Andon Petrovski
15. Whirlwind towers - to the rescue | ZekirijaIdrizi, IsakIdrizi, BesarAbdiu

Q & A Session for all presentations



▪ Key Speaker: Zoran Zdravev – Educational Big Data and Analytics

1. Vocational education and training as a mechanism for achieving sustainable development in North Macedonia | Katerina ShapkovaKocevaska
2. Simulation of the Euler approximation in SDE | Bilall I. Shaini, Dashmir Ibishi
3. Integrating education for sustainable development in English language classrooms | EditaBekteshi
4. Some approximations for Euler number and comparing their convergence using software Octave” | IlirDemiri, ShpetimRexhepi, EgzonaIseni, Samet Kera
5. Strategies for understandingproblemsolving and strategies for assessingmathematicalthinking| ArdianaAliti, Teuta Jusufi- Zenku
6. Mathematical modeling as tool for increasing the efficincy in higher education| Tatjana Atanasova-Pacemska, Riste Timovski

Coffee Break

7. Students' attitude towards mathematics | SindizeJusufi, Teuta Jusufi-Zenku
8. A university digital evaluation app | KastriotKadriu, Basri Ahmadi
9. Security issues of servers | BuenBajrami, Basri Ahmadi
10. Using pythonprogramming for assessing and solvinghealthmanagement issues | LinditaLoku, BekimFetaji, Aleksandar Krsteski, Zoran Zdravev, Majlinda Fetaji
11. Survey of data analytics and its applications in healthcare | Majlinda Fetaji, LinditaLoku, Aleksandar Krsteski, Zoran Zdravev, FatbardhRamadani
12. Impact of ICT in healthcaresystem and IT strategy in developing countries | AndrásGábor, BesnikQehaja
13. Analysis of strengths and weaknesses of e-commerce application in North Macedonia | Majlinda Fetaji, MirlindaEbibi, Marika Apostolova, HalilSnopce, Samet Kera

Q & A Session for all presentations



- Key speaker : Prof. Dr. Marenglen Spiro – Sustainable Development in Education
- 1. Smart home energy management systems including renewable energy | Halim Halimi
- 2. The process of Urbanization in the city of Kaçanik and its impact in the Cultural Heritage | Avni Krasniqi, Snezhana Dicevska, Idriz Kovaqi
- 3. Groups of indicators in the context of scientific study of sustainable transport and their importance-Western Balkan study | Stevan Kjosevski, A. Kochov, A. Kostikj
- 4. Sustainable development of architecture in continuity | Vangjel Dunovski, Olivera Stojanovska
- 5. Analysis of multidimensional cadastral system in relation to construction | M. Meha, I. Idrizi
- 6. New nonstandard method for measuring physical properties of homemade polymer filaments for 3D FFD printing | Arta Veliu, Riste Popeski-Dimovski

Coffee Break

- 7. Swiss universities of applied sciences – tertiary education and applied research for the labour market | Kurt Wüthrich
- 8. Environmental attitudes of Macedonian school students | Mile Srbinovski, Azis K. Pollozhani, Murtezan A. Ismaili
- 9. Mathematical modeling and simulations of path planning and Obstacles of Mobile Robot | Vesna Knights, Olivera Petrovska, Stojce Deskovski
- 10. Plotting graph of function using MATLAB | Vjollca Mustafa, Teuta Jusufi Zenki
- 11. Characteristic points of a triangle presented through the GEOGEBRA software | Vesa Mollakuqe, Elissa Mollakuqe
- 12. Improving students' knowledge with interactive online courses | Goce Armenski, Jasmina Jovanovska

Q & A Session for all presentations

17:30 – 18:30 Sall. B 301

Signing of Joint Degree Agreement between Mother Teresa University and University of Sassari: Master in Migration Management

Statement of Rector of University of Sassari, Italy | Prof. Dr. Massimo Carpinelli

Ambassador of the Republic of Italy in Skopje | HE Mr. Carlo Romeo

Project For Sustainable Development Promotion Opportunities | Prof. Dr. Murtezan Ismaili

Closing Remarks: Rector of Mother Teresa University in Skopje | Prof. Dr. Aziz Pollozhani

Certificate Awarding Ceremony

