

CONFERENCE PROGRAM IIS 2024

Wednesday, October 09, 2024

15:00 - 20:00 Welcoming quests

Thursday, October 10, 2024

08:30 - 10:00 Registration

10:00 - 12:00 Opening Ceremony, Plenary speaker

12:30 - 14:00 Lunch

14:00 - 18:00 Presentation of papers on sessions

18:30 Gala dinner

Friday, October 11, 2024

09:30 - 11:00 Presentation of papers on sessions

11:00 - 11:30 Coffee Break

11:30 - 14:00 Conclusions and certificates

SECTIONS:

14:00-18:00: Section: ELECTRICAL ENGINEERING AND POWER ENGINEERING

Chairman: Professor Eng. Zsolt Conka PhD

Chairman: : Assoc. Professor Eng.Zoltan Erdei PhD

1. *The influence of the energy quality parameters of an electrical installation on the electrical network*
Mihaela Anamaria Lihet, Mircea Horgoş, Radu-Adrian Tîrnovan
2. *Energy transformation: challenges and opportunities of renewables and microgrids*
Róbert Štefko, Zsolt Čonka
3. *Safety Management System and Cybersecurity Management System Evaluation Method for Automated Driving Systems Systems*
Florence Wagner, Rolf Jung

4. *New trends in power system operation*
Zsolt Conka
5. *Designing machines for processing heavy parts as mechatronic systems*
Viktor Kovalov, Yana Vasylchenko, Yuliia Vasylchenko
6. *Inclusion of Credentials on Hydrogen Technologies into Ukrainian Educational Programs*
Maksym Karpash, Liubomyr Zhovtulia, Valentyn Vasechko
7. *The Role of Vacuum Fixtures in Precision Manufacturing of Complex Geometries*
Alina Bianca Pop, Aurel Mihail Titu
8. *The Role of Vacuum Fixtures in Precision Manufacturing of Complex Geometries*
Iuliu Alexandru Pap, Stefan Oniga
9. *Creating parts for 3D Printers by Using the 3D Builder Software*
Chira Emilia-Alexandra, Porganczki-Horn Patrik
10. *A Bibliometric Analysis of Data Warehousing in the Automotive Industry: Trends, Applications, and Future Directions*
Bogdan Nicușor Bindea
11. *Temporal Wind Energy Estimation*
Predrag Živković, Mladen Tomić, Cristian Barz, Gradimir Cvetanović
12. *Efficiency of Thermal Energy Storage Using Paraffin and Water as Phase Change Materials*
Gradimir Cvetanović, Mladen Tomić, Cristian Barz, Predrag Živković
13. *Artificial intelligence start stop system for railways safety*
Tihomir Latinovic, Mladen Todic, Adina Lucia Pop Vădean

14. *Cyber security - risk and challenge in the insurance market*
Gherasim Solovestru Domide

15. *Data Management Acquisition in Temperature with Arduino*
Barz Cristian

16. *Aplication of Artificial Inteligence in generating 3D models for Virtual Reality environment*
Danci Daniel

17. *Application of Artificial Intelligence in Project Management*
Mirko Sajić, Dusanka Bundalo, Igor Dugonjić, Zlatko Bundalo, Mladen Bubonjić, Luka Sajić, Aleksa Stanković

18. *Erasmus in Germany*
Turuczko Szabi, Vrancean Bogdan