

CONFERENCE PROGRAM IIS 2021

Section: ELECTRICAL ENGINEERING AND POWER ENGINEERING

1. Consideration about the Dynamic Regime of the D.C Electromagnets
Neamt Liviu
2. Energetic audit for the educational public institution
Erdei Zoltan
3. *Energy efficiency controlled by Arduino modules*
Barz Cristian
4. Experimental Study of the Commutation in Low Voltage Installation
Neamt Anca
5. Modern application for electrical equipments lifetime monitoring
Grib Alexandru
6. On the efficiency of induction motor drives
Chiver Olivian
7. Remote Monitoring System for Environmental Parameters
Orha Ioan
8. Renewable sources in electricity production and their relationship with the environment
Stet Mihaela
9. Electric and magnetic field measurements at a 400 KV electrical network
Horgos Mircea
10. The influence of high-frequency electromagnetic fields on the environment-
Peak Ignis
Lung Claudiu
11. The use of frequency converters to command AC electric motors
Birsan Ionut
12. District heating as pollution source in Niš
Živković Predrag, Mladen Tomić, Jelena Janevski, Radovanović Branka, Cristian Barz
13. Influence of meteorological conditions on the imbalance of steam flow in an
air-cooled condenser
Jovan Škundrić, Živković Predrag, Mladen Tomić, Radovanović Branka, Cristian Barz
14. Cherry production preservation in Serbia
Radovanović Branka, Jelena Janevski, Živković Predrag, Mladen Tomić, Cristian Barz
15. The influence of drying regime on the quality of dried kernel of corn

Jelena Janevski , Predrag Živković , Mića Vukić, Branka Radovanović , Mladen Tomić, Cristian Barz

Section: FUNDAMENTAL SCIENCES, COMPUTER SCIENCES AND APPLIED MATHEMATICS

1. Graphical representations of errors
Tascu Ioana
2. Risk management considerations in the context of the COVID 19 pandemic
Gherasim Domide
3. Speaker Recognition System Using Signal Processing Tool In Matlab
Gata Marieta
4. Survey of sinusoidal signal generation methods using microcontroller
Sabou Sebastian
5. Technological and management solutions to prevent emergencies at oil and gas facilities
Yatsyshyn Teodoziya, Shkitsa Lesya, Lyakh Mikhaylo and Liakh Vasyl-Danylo
6. Trans-border Academic Development for Research and Innovations
Shkitsa Lesya, Dascalescu Anamaria, Barz Cristian and Kornuta Volodymyr
7. Who's Afraid of the Big Bad Wolf? Is eLearning Such a Huge Threat Nowadays?
Anamaria Fălăuș, Ramona Demarcsek and Luminița Todea
8. When Does the Use of Technology in the Educational Process Become Too Much?
Ramona Demarcsek, Anamaria Fălăuș and Luminița Todea
9. Discussing Employability Skills in Engineering Higher Education
Luminița Todea, Anamaria Fălăuș and Ramona Demarcsek
10. Transformation of teller/counter services using modern mobile digital information technologies
Mirko Sajić, Dušanka Bundalo, Željko Vidović, Zlatko Bundalo, Dejan Lalić, Luka Sajić
11. The problem of passive responsibility in cases of mobbing before the courts in Bosnia and Herzegovina
Vesna Rodic
12. *Digitalised Delivery of Language. An Approach towards Machine Translation Technology*
Ramona DEMARCSEK, Ioan Benjamin POP

Section: Mechanical Engineering and Industrial Applications

1. Optimizing the control process of complex parts processed on MUCN
Cosma Marius
2. Reliability Analysis of an Automobile Brake System
Daraba Dinu
3. Aspects regarding the operation of hydrodynamic lubrication bearings in the electrical environment
Pop Eleonora
4. An Overview of Turning Vanes and their Role in Modern Compact Wind and Water Tunnels
Alexander Baron von Hohenhau and Vasile Năsui
5. Using Logarithmic Spirals to Parameterize Curved Diffusers and Expanding Vanes
Alexander Baron von Hohenhau and Vasile Năsui