



International Conference on:

“Perspectives in Industry Digitalization and Advanced Manufacturing in the Black Sea Region”

Program

Date: November 18th, 2020

10:00 Opening Session

Prof. Sergey BELYKOV, Rector of NU "Zaporizhzhia Polytechnic"

Presentation of the University History - Dedicated to the 120th Anniversary of the University

Prof. Volodymyr ONYSHCHENKO, National University «Yuri Kondratyuk Poltava Polytechnic», Ukraine

Prof. Oleh MATVIYKIV, Lviv Polytechnic National University, Ukraine

Prof. Pericles MITKAS, BSUN President

Dr. Steffi FRIEDRICH, AcumenIST, Belgium

Presentation of the MOTOR SICH Company from Zaporizhzhia

10:30 Plenary Session on “Advanced Concepts on Industrial Digitalization”

Moderator: Prof. Eden MAMUT

Keynote speeches:

10:30 Acad. Ion DUMITRACHE, “Politehnica” University of Bucharest, *Next Generation Enterprise in the Context of Cyber Physical Systems*

10:45 Bernhard EBERL, Alexandru CAZACU, PTC, *Academic Solutions for Teaching Industrial Digitalization and Advanced Manufacturing*

11:15 Horst ORSOLITS MSC, University of Applied Sciences Technikum Vienna, *Virtual Engineering Applied in a Digital Learning Factory*

11:30 Coffee break

11:45 Session on “Educating for Digital Transformation”

Moderator: Acad. Ion DUMITRACHE

- 11:45 Prof. Alin MOLDOVEANU, “Politehnica” University of Bucharest, *The Perception of the Reality beyond our Senses – Sound of Vision Project*
- 12:00 Ahmet Bugra YASAR, Zafer KARADAYI, Dr. Cumali YASAR, University of Canakkale, Turkey, *In-Service Training for Technical Services Using VR-Supported Applications*
- 12:15 Assoc. Prof. Dr. Doru BARDAC, Dr. Florin TEODORESCU “Politehnica” University of Bucharest, *Promoting Smart Manufacturing Technologies in the Car Manufacturing Industry*
- 12:30 Mykhaylo BUBNOV, Schneider Electric, Ukraine, *Digital Transformation in Ukraine and Cooperation with Universities*
- 12:45 Anton KROTYUK, TeraWatt Solutions GmbH, Germany, *Maintenance, Digitalization and Optimization*
- 13:00 Andrii PUZIK, INFOCOM LTD, Ukraine, *AI, Robots & Smart Solutions by INFOCOM LTD Developers*
- 13.15 Denys ROMANIUK, National Technical University of Ukraine “Igor Sikorsky Kyiv Polytechnic Institute” Dr. Galina SHILO, NU "Zaporizhzhia Polytechnic", Anastasiia LEBEDIEVA-DYCHKO, ALD engineering company, Ukraine, *Convenient Positioning System for Construction Sites*
- 13.30 Bohdan BORIAK, Candidate of Engineering Sciences; Assoc. Prof. Dr. Oleksandr SHEFER, Assoc. Prof. Vasil HALAI, Candidate of Engineering Sciences, National University «Yuri Kondratyuk Poltava Polytechnic», *Digital Signals Adaptive Filtration and Forecast Methods*
- 13.40 Prof. Dumitru NEDELICU, “Gheorghe Asachi” Technical University of Iasi, Romania, *Smart 3D Printing*
- 13.50 Tural VELIZADE, Western Caspian University, Azerbaijan, *Importance of Caspian Countries for Energy Security in Europe*
- 14:00 Final conclusions and closure