



Challenges of **Industry 4.0** **DIGITAL TRANSFORMATION**

Izazovi **DIGITALNE TRANSFORMACIJE**

Rectorate of the University of Montenegro / November 29th 2022

09:30-10:00		REGISTRATION
10:00-10:05	Prof. Dr. Irena Orović University of Montenegro, Vice-Rector for Science and Research	<i>Conference Opening – Welcome address</i>
10:05-10:10	Prof. Dr. Ivana Ognjanović University Donja Gorica, Montenegro	<i>Word from the Project Coordinator</i>
10:10-10:15	Marijeta Barjaktarović Lanzardi Government of Montenegro, Ministry of Economic Development and Tourism	<i>Introductory speech</i>
10:15-10:30	Marina Matijević Government of Montenegro, Ministry of Education	<i>Digitization of the educational system</i>
10:30-10:45	Prof. Dr. Aleksandar Popović University of Montenegro	<i>Development of digital services in education</i>
10:45-11:00	Dejan Stojanović Comtrade System Integration, Serbia	<i>eProsveta</i>
11:00-11:15	Prof. Dr. Ramo Šendelj University Donja Gorica, Montenegro	<i>Cyber security – Challenges in education and research in Montenegro</i>
11:15-11:30	Vladan Tabaš Čikom, Montenegro	<i>Cyber Security</i>
11:30-11:45		Coffee Break
11:45-12:00	Dr. Peter Andras Kara , Prof. Dr. Laszlo Bokor , Aniko Simon Budapest University of Technology and Economics, Hungary	<i>Glasses-free 3D visualization of geoscientific use cases for the Montenegrin region – Presenter: Peter Andras Kara</i>
12:00-12:15	Prof. Dr. Laszlo Bokor , Dr. Peter Andras Kara , Aniko Simon Budapest University of Technology and Economics, Hungary	<i>Considerations of C-ITS deployment in the Balkans Presenter: Laszlo Bokor</i>
12:15-12:30	Aniko Simon , Gabriella Alexi , Dr. Peter Andras Kara , Prof. Dr. Laszlo Bokor Budapest University of Technology and Economics, Hungary	<i>Digital user manuals in the digital era Presenter: Peter Andras Kara</i>
12:30-12:45	Dr. Maša Ždraljević University of Montenegro	<i>Machine learning in cancer diagnosis, prognosis and treatment selection – opportunities and challenges</i>
12:45-13:00	Prof. Dr. Nataša Popović University of Montenegro	<i>Challenges of digital analysis of medical images</i>
13:00-13:15	Jelena Milošević Sekulić AmCham Montenegro	<i>Digital Transformation of Healthcare System of Montenegro</i>
13:15-13:30	Jan Harej Arctur, Slovenia	<i>Presentation of EU co-funded project QUSTom – transforming ultrasound-based breast cancer diagnosis by means of quantitative, high-resolution images</i>
13:30-13:45	Jan Harej Arctur, Slovenia	<i>Presentation of EU co-funded project Classica – improving cancer surgery outcomes by bringing AI into the operating theatre</i>
13:45-14:30		Lunch
14:30-14:45	Prof. Dr. Christoph Reich Furtwangen University, Germany	<i>Hacking Industrial Machine Learning Applications</i>
14:45-15:00	Davor Čorić Optimus Consulting, Montenegro	<i>Digital Transformations in Agriculture</i>
15:00-15:15	Prof. Dr. Velibor Spalević , MSc. Milica Filipović University of Montenegro	<i>Application of computer graphic methods in the analysis of land degradation: An overview of the methods that are in use in the countries of the Western Balkans</i>
15:15-15:30	Nada Rakočević Chamber of Economy of Montenegro	<i>Challenges of digital transformation from the perspective of Montenegrin economy</i>
15:30-15:45	Prof. Dr. Jelena Jovanović , Dr. Srna Sudar University of Montenegro	<i>Project Success – Sustainable University-Enterprise Cooperation for Improving Graduate Employability</i>
15:45-16:00	Milan Marić S&T Crna Gora, Montenegro	<i>From analog to digital</i>
16:00-16:30		CONCLUSIONS AND RECOMMENDATIONS