







CONFERENCE PROGRAMME

Tuesday 14th May, 2024 (GMT+2)

10:00 – 16:00 PM	 Touring and Welcome meeting (optional)
	Touring around VSB - TUO's laboratories and welcome meeting.

Wednesday 15th May, 2024 (GMT+2)

8:00 – 9:00 AM	 REGISTRATION <i>Entrance hall, Building UA</i>	
9:00 – 9:15 AM	OPENING CEREMONY Welcome speeches	
	Prof. Jana Petru <i>VSB - Technical University of Ostrava, VSB-TUO, Czech Republic</i>	
9:15 – 10:35 AM	 SESSION 1 Room NA2 <i>Smart Economy; Industrial Management; Mathematical and Simulation Model; Digital Transformation; E-commerce; Business Intelligence; Economics; Political Economy; Management; Logistics.</i>	
9:15 – 10:35 AM Keynote presentation takes 15 minutes + 5 minutes Q&A Other presentations take 10 minutes + 5 minutes Q&A	Green Advertising: A Review based on Bibliographic Coupling Analysis (9:15 – 9:35)	Dr. Luc Phan Tan <i>Thu Dau Mot University, TDMU, Vietnam</i>
	Analyzing Material Consumption within a Global Input-Output Framework from 2011 to 2023: A Comprehensive Evaluation (9:35 – 9:50)	Mr. Nguyen Minh Thanh <i>Eastern International University, EIU, Vietnam</i>
	Analyze the Backward and Forward Linkages of Intermediate Products Network in a Frontier Market (9:50 – 10:05)	Mr. Quoc-Nha Le <i>Eastern International University, EIU, Vietnam</i>
	Factors Driving Consumers' Adoption of Internet Banking in an Emerging Market (10:05 – 10:20)	Mr. Bang Nguyen Viet <i>University of Economics Ho Chi Minh City, UEH, Vietnam</i>
	Insights from Traveler Feedback: Topic Analysis of Short-Day Tours in Southern Vietnam (10:20 – 10:35)	Ms. Tran Thi Huong Giang <i>Eastern International University, EIU, Vietnam</i>
10:35 – 10:55 AM	 COFFEE BREAK Foyer	
10:55 – 12:15 AM Keynote presentation takes 15 minutes + 5 minutes Q&A Other presentations take 10 minutes + 5 minutes Q&A	 SESSION 2 Room NA2 <i>Artificial Intelligence; Machine Learning; Cloud Computing; Cyber Security; Network Analysis; Big Data; Data Visualization; Blockchain; Metaverse.</i>	
	The Cloud-to-Edge-to-IoT Continuum systems: Survey and Challenges (10:55 – 11:15)	Dr. Nguyen Van Dung <i>Hung Vuong University of HCM city, DHV, Vietnam</i>
	Cybersecurity in Small and medium-sized enterprises: A bibliometric analysis (11:15 – 11:30)	Dr. Thanh-Cong Truong <i>University of Finance - Marketing, UFM, Vietnam</i>
	Fair allocation game approach for cloud-hosted applications by Ant Colony Optimization algorithm (11:30 – 11:45)	Dr. Thanh-Khiet Bui <i>Thu Dau Mot University, TDMU, Vietnam</i>
	Classification Disease in Tomato Leaf Based on the Mix Convolution Neural Network (11:45 – 12:00)	Ms. Ngo Thi Hoa <i>Van Lang University, VLU, Vietnam</i>
	Binary-SegNet: Efficient Convolutional Architecture for Semantic Segmentation based on Monocular Camera (12:00 – 12:15)	Mr. Nhu-Nghia Bui <i>Hanoi University of Science and Technology, HUST, Vietnam</i>

12:15 – 12:30 PM	 COLLECTIVE PHOTO	
12:30 – 13:15 PM	 LUNCH	
13:15 – 14:20 PM Keynote presentation takes 15 minutes + 5 minutes Q&A Other presentations take 10 minutes + 5 minutes Q&A	 SESSION 3 Room NA2 <i>Smart Factory; Non-Conventional Manufacturing; Materials Science; Simulation; Robotics; Automation; Autonomous Driving; Digital Twin; Smart Electronics; Internet of Things; Wireless Communication.</i>	
	Water droplet as a universal tool (13:15 – 13:35)	Prof. Sergej Hloch <i>VSB - Technical University of Ostrava, Czech Republic</i>
	Effect of carbon fiber content in Polyethylene Terephthalate Glycol on tribological behavior of 3D-printed parts (13:35 – 13:50)	Mr. HoangTung Nguyen <i>University of Defence, UD, Czech Republic</i>
	Heat Treatment for Microstructure Stabilizing of Biomedical Ti-6Al-4V Alloy Fabricated by Selective Laser Melting (13:50 – 14:05)	Dr. Nguyen Minh Thuyet <i>Hanoi University of Science and Technology, HUST, Vietnam</i>
	Metrological analysis of 3D scanning results for samples with slight openings manufactured by FFF/FDM 3D printing technology (14:05 – 14:20)	Ms. Aleksandra Bochenek <i>Central Office of Measures, Poland</i>
	 COFFEE BREAK Foyer	
14:40 – 15:40 PM Presentations take 10 minutes + 5 minutes Q&A	 SESSION 4 Room NA2 <i>Smart Factory; Non-Conventional Manufacturing; Materials Science; Simulation; Robotics; Automation; Autonomous Driving; Digital Twin; Smart Electronics; Internet of Things; Wireless Communication.</i>	
	Metrological analysis of the impact of the arrangement of models on the 3D printer platform on the dimensional accuracy of models manufactured using photo-curing technology – PJM (14:40 – 14:55)	Assoc. Prof. Tomasz Koziar <i>Kielce University of Technology, KUT, Poland</i>
	Comparison of selected methods and strategies for measuring the surface topography of models manufactured by additive SLS technology (14:55 – 15:10)	Mr. Dominik Malara <i>Central Office of Measures, Poland Kielce University of Technology, KUT, Poland</i>
	Effect of build position on surface roughness of SLM printed Inconel 718 (15:10 – 15:25)	Ms. Preeti Gautam <i>VSB - Technical University of Ostrava, VSB-TUO, Czech Republic</i>
	Three-point bending of elements produced by additive technology with a thin-walled spatial structure (15:25 – 15:40)	Prof. Jerzy Bochnia <i>Kielce University of Technology, KUT, Poland</i>
15:40 PM	 POSTER SESSION Entrance hall, Building UA	
18:00 PM	 GALA DINNER	
19:00 PM	 DISCUSSION AND NETWORKING	

*The programme time may be subject to change due to the availability of the speakers.

Thursday 16th May, 2024 (GMT+2)

8:00 – 16:00 PM	TOURING AND NETWORKING
	Touring in Landek.