



IS 23

Conference PROGRAMME

19th International
Scientific Conference
on Industrial Systems

October 5-6 2023
Novi Sad, Serbia



Ministry of Science, Technological
Development and Innovation
Republic of Serbia, Belgrade
Provincial Secretary for Higher Education
and Scientific Research Activity,
AP Vojvodina, Novi Sad



University of Novi Sad
Faculty of Technical Sciences
Department of Industrial Engineering
and Management

Thursday 05.10.2023.

REGISTRATION / TESTING & UPLOAD						
AMPHITHEATER						
09:30h PLENARY Session OPENING CEREMONY						
Chair: Emeritus prof. Dr. Ilija Čosić, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia						
Co-chair: Prof. Dr. Nemanja Tasić, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia						
Co-chair: Prof. Dr. Stevan Milisavljević, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia						
Opening speech, Prof. Dr. Nemanja Tasić						
Welcome speech, Prof. Dr. Stevan Milisavljević						
Welcome speech, Prof. Dr. Boris Dumnić, Dean of the Faculty of Technical Sciences, Novi Sad, Serbia						
Welcome speech, Prof. Dr. Darko Stefanović, Vice Dean for Science and International Cooperation of the Faculty of Technical Sciences, Novi Sad, Serbia						
Plaque awarding						
Welcome speech, EPIEM representative						
Paula Ferenczi, ESTIEM representative						
Time	Paper Id	Session	Paper title / Authors:family name	Authors: name	Affiliation	State
10:30h	PLENARY Session - KN1		KEY-NOTE PAPERS		PowerPoint platform	
Chair: Prof. Ivan Beker, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia						
Co-chair: Prof. Srđan Vulanović, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia						
10:30h		KN1.1	SMART AND SUSTAINABLE PRODUCTION - A BOTTOM-UP APPROACH TO FULFIL THE TARGETS OF CIRCULAR ECONOMY	Haas Franz	TU Graz University of Technology, Dean of the Faculty of Mechanical Engineering and Economics,	Austria
11:00h		KN1.2	IOT - ADVANCED METHODS FOR ONLINE OIL CONDITION MONITORING	Duchowski John	HYDAC FluidCareCenter® GmbH, Corporate Director R&D Filtration	Germany
11:30h		KN1.3	KNOWLEDGE ENGINEERING METHODS AND TOOLS FOR RESILIENT PRODUCTION AND SUSTAINABLE SOCIETY	Šormaz Dušan	Ohio University, Department of Industrial and Systems Engineering	United States
12:00 - 13:00h COCKTAIL						
AMPHITHEATER						
13:00h	SESSION T6.1		ENGINEERING MANAGEMENT/EPIEM Track		PowerPoint platform	
Chair: Prof. Bernd Markus Zunk, Graz University of Technology, Austria						
Co-chair: Prof. Zoran Anišić, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia						
13:00h	01441	T6.1-1	PROFILING THE INDUSTRIAL ENGINEERING AND MANAGEMENT DISCIPLINE: KEY IMPLICATIONS AND PRELIMINARY EMPIRICAL EVIDENCE FROM AUSTRIA	Zunk Bernd Markus Woschank Manuel Pacher Corina Omazic Amila	Graz University of Technology Montanuniversität Leoben Graz University of Technology Graz University of Technology	Austria Austria Austria Austria
13:10h	04441	T6.1-2	FINTECH AND TRADITIONAL BANKS: FRIENDS OR FOES?	Ferenčak Miroslav Dobromirov Dušan Radišić Mladen Bajčetić Miloš	University of Novi Sad, Faculty of Technical Sciences University of Novi Sad, Faculty of Technical Sciences University of Novi Sad, Faculty of Technical Sciences Erste Bank, Novi Sad	Serbia Serbia Serbia Serbia
13:20h	05241	T6.1-3	SUSTAINABILITY EDUCATION IN THE FIELD OF INDUSTRIAL ENGINEERING AND MANAGEMENT: THEORETICAL CONCEPTS AND PRACTICAL APPLICATIONS	Koch Volker Berger Marco Omazic Amila Zunk Bernd Markus	University of Technology Graz, Faculty of Mechanical Engineering and Economic Sciences University of Technology Graz, Faculty of Mechanical Engineering and Economic Sciences University of Technology Graz, Faculty of Mechanical Engineering and Economic Sciences University of Technology Graz, Faculty of Mechanical Engineering and Economic Sciences	Austria Austria Austria Austria
13:30h	00741	T6.1-4	SOURCES OF FUNDING ACADEMIC ENGAGEMENT: EMPIRICAL RESEARCH OF UNIVERSITY OF NOVI SAD AND UNIVERSITY OF BELGRADE	Čelić Đorđe Petrov Viktorija Drašković Zoran Uzelac Zorica Melović Boban	University of Novi Sad, Faculty of Technical Sciences University of Novi Sad, Faculty of Economics in Subotica University of Novi Sad, Faculty of Technical Sciences University of Novi Sad, Faculty of Technical Sciences University of Montenegro, Faculty of Economics	Serbia Serbia Serbia Serbia Montenegro
13:40h	00441	T6.1-5	AN OVERVIEW OF RISK MODELING AND REPRESENTATION IN BUSINESS PROCESS MODELING LANGUAGES	Bojanić Tamara Stevanov Branislav	University of Novi Sad, Faculty of Technical Sciences University of Novi Sad, Faculty of Technical Sciences	Serbia Serbia
13:50h	10741	T6.1-6	ACCELERATED DIGITALIZATION OF HUMAN RESOURCES IN THE POST-PANDEMIC ERA	Milošević Katarina Katić Ivana Tasić Nemanja	University of Novi Sad, Faculty of Technical Sciences University of Novi Sad, Faculty of Technical Sciences University of Novi Sad, Faculty of Technical Sciences	Serbia Serbia Serbia
14:00h	11041	T6.1-7	SUSTAINABILITY THROUGH COMPETENCE DEVELOPMENT: CLOSING THE GAP FOR FUTURE CHALLENGES	Grubić Nešić Leposava Aleksić Maja Sitarević Aleksandra	University of Novi Sad, Faculty of Technical Sciences University of Novi Sad, Faculty of Technical Sciences University of Novi Sad, Faculty of Technical Sciences	Serbia Serbia Serbia
14:10h	04741	T6.1-8	ANALYSIS OF KNOWLEDGE GAP IN STUDY PROGRAMS: A STRATEGY FOR SUCCESSFUL IMPLEMENTATION OF INDUSTRY 4.0	Anišić Zoran Medić Nenad Digiesi Salvatore Mossa Giorgio Mummo Giovanni	University of Novi Sad, Faculty of Technical Sciences University of Novi Sad, Faculty of Technical Sciences Polytechnic University of Bari Polytechnic University of Bari University of Bari	Serbia Serbia Italy Italy Italy
14:20h	04841	T6.1-9	USE OF BEAUTY APPLICATIONS AND AR BEAUTY FILTERS AMONG YOUNG PEOPLE: TRENDS AND CHALLENGES	Šidanin Iva Milić Bojana Mitrović Ksenija Spajić Jelena	University of Novi Sad, Faculty of Technical Sciences University of Novi Sad, Faculty of Technical Sciences University of Novi Sad, Faculty of Technical Sciences University of Novi Sad, Faculty of Technical Sciences	Serbia Serbia Serbia Serbia
14:30h - 15:00h REFRESHMENT BREAK						

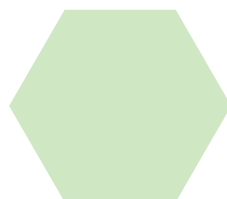
15:00h	SESSION -T6.1		ENGINEERING MANAGEMENT/EPIEM Track	PowerPoint platform	
	Chair:	Prof. Gordana Ostojić, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia			
	Co-chair:	Prof. Danijela Lalić, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia			
15:00h	00641	T6.1-10	TRENDS IN USE OF ADVANCED MANUFACTURING TECHNOLOGIES IN SLOVENIAN MANUFACTURING COMPANIES		
		Palčić	Iztok	University of Maribor	Slovenia
15:10h	01241	T6.1-11	INTERNET OF MEDICAL THINGS-BASED HEALTH RISK INSURANCE MODELING		
		Popović	Ljiljana	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Popov	Srdan	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Čosić	Đorđe	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Vranić	Tanja	University of Novi Sad, Faculty of Technical Sciences	Serbia
15:20h	02041	T6.1-12	THE INFLUENCE OF ORGANIZATIONAL CHANGE ON THE EMPLOYEE'S PERFORMANCE		
		Jokanović	Bojana	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Tomić	Ivana	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Okanović	Andrea	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Grubić-Nešić	Leposava	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Stojić	Nikola	University of Novi Sad, Faculty of Technical Sciences	Serbia
15:30h	02841	T6.1-13	THE YOUTH AND THEIR PERCEPTION OF ONLINE HATE SPEECH		
		Šidanin	Iva	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Njegovan	Milica	University of Novi Sad, Faculty of Technical Sciences	Serbia
15:40h	03041	T6.1-14	LEVERAGING CHATGPT FOR CREATIVE COMMUNICATION STRATEGIES: EXPLORING PROS AND CONS		
		Spajić	Jelena	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Milić	Bojana	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Lalić	Danijela	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Bošković	Dunja	University of Novi Sad, Faculty of Technical Sciences	Serbia
15:50h	03941	T6.1-15	THE INFLUENCE OF THE PROJECT TEAM MEMBERS' PERFORMANCES ON THE PROJECT SUCCESS		
		Jokanović Dajić	Mirjana	University of East Sarajevo, Production and Management Faculty Trebinje	Bosnia and Herzegovina
		Čirić Lalić	Danijela	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Đurić	Željko	University of East Sarajevo, Production and Management Faculty Trebinje	Bosnia and Herzegovina
		Savković	Milena	University of Novi Sad, Faculty of Technical Sciences	Serbia
16:00h	04041	T6.1-16	ASSESSING SOFT SKILLS IN INFORMATION SYSTEMS ENGINEERING STUDENTS: IMPORTANCE AND SELF-ASSESSMENT		
		Milić	Bojana	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Spajić	Jelena	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Lalić	Danijela	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Čulibrk	Jelena	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Bošković	Dunja	University of Novi Sad, Faculty of Technical Sciences	Serbia
16:10h	04341	T6.1-17	HUMAN RESOURCE MANAGEMENT THROUGH ORGANIZATIONAL SUPPORT FOR EMPLOYEES		
		Perić	Aleksandra	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Mitrović Veljković	Slavica	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Nešić Tomašević	Ana	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Vidicki	Predrag	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Ivetić	Olga	University of Novi Sad, Faculty of Medicine	Serbia
MULTIFUNCTIONAL ROOM - Second floor 2-13					
13:00h	SESSION -T1.1		PRODUCTION SYSTEMS	PowerPoint platform	
	Chair:	Prof. Dr. Tashko Rizov, University "Ss. Cyril and Methodius" in Skopje, Faculty of Mechanical Engineering, North Macedonia			
	Co-chair:	Assoc. Prof. Bojana Jokanović, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia			
13:00h	06641	T1.1-1	PARAMETRIC DESIGN OF A PRODUCT FAMILY		
		Rachikjević	Kristina	University "Ss. Cyril and Methodius" in Skopje, Faculty of Mechanical Engineering	North Macedonia
		Djokilj	Jelena	University "Ss. Cyril and Methodius" in Skopje, Faculty of Mechanical Engineering	North Macedonia
		Rizov	Tashko	University "Ss. Cyril and Methodius" in Skopje, Faculty of Mechanical Engineering	North Macedonia
13:10h	07741	T1.1-2	UNVEILING THE INHERENT PARADOXES IN LEAN MANUFACTURING		
		Jerinić	Bojan	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Sremčev	Nemanja	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Stevanov	Branislav	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Čosić	Ilija	University of Novi Sad, Faculty of Technical Sciences	Serbia
13:20h	09241	T1.1-3	PRODUCTIVITY IMPROVEMENT THROUGH IMPLEMENTATION OF SELECTED LEAN TOOLS		
		Velichkovska	Aleksandra	University "Ss. Cyril and Methodius" in Skopje, Faculty of Mechanical Engineering	North Macedonia
		Jovanoski	Bojan	University "Ss. Cyril and Methodius" in Skopje, Faculty of Mechanical Engineering	North Macedonia
		Minovski	Robert	University "Ss. Cyril and Methodius" in Skopje, Faculty of Mechanical Engineering	North Macedonia
		Velkovski	Trajche	University "Ss. Cyril and Methodius" in Skopje, Faculty of Mechanical Engineering	North Macedonia
13:30h	02541	T1.1-4	APPLICATION OF MODERN TECHNOLOGIES IN THE SUPPLY CHAIN		
		Vidović	Daria	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Stakić	Nikola	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Ostojić	Gordana	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Lazarević	Milovan	University of Novi Sad, Faculty of Technical Sciences	Serbia
13:40h	02941	T1.1-5	APPLYING THE EXPERIENCE OF THE TECHNICAL PASSPORT TOWARDS THE EU DIGITAL PRODUCT PASSPORT		
		Milenković	Ivana	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Dakić	Nikolina	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Jurošević	Vladimir	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Šulc	Jovan	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Dudić	Stobodan	University of Novi Sad, Faculty of Technical Sciences	Serbia
13:50h	03241	T1.1-6	THE RESILIENCE LEVEL OF MANUFACTURING FIRMS IN THE REPUBLIC OF SERBIA		
		Lalić	Bojan	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Marjanović	Uglješa	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Rakić	Slavko	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Slavić	Dragana	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Miloradov	Maja	University of Novi Sad, Faculty of Technical Sciences	Serbia
14:00h	03841	T1.1-7	AN OVERVIEW OF THE DIGITAL TRANSFORMATION AND INDUSTRY 4.0 TECHNOLOGIES IMPLEMENTATION FRAMEWORKS		
		Argilovski	Aleksandar	Ss. Cyril and Methodius University in Skopje, Faculty of Mechanical Engineering	North Macedonia
		Jovanoski	Bojan	Ss. Cyril and Methodius University in Skopje, Faculty of Mechanical Engineering	North Macedonia
		Minovski	Robert	Ss. Cyril and Methodius University in Skopje, Faculty of Mechanical Engineering	North Macedonia
14:10h	05041	T1.1-8	FACTORS THAT INFLUENCE ADOPTION OF AI IN ORGANIZATIONS		
		Tasić	Aleksandra	Institute for Artificial Intelligence Research and Development of Serbia, Novi Sad	Serbia
		Čulibrk	Jelena	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Medić	Nenad	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Jokanović	Bojana	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Vidicki	Predrag	University of Novi Sad, Faculty of Technical Sciences	Serbia
14:20h	08041	T1.1-9	OPTIMIZATION OF THE PRODUCTION PROCESS IN THE AUTOMOTIVE INDUSTRY WITH VALUE STREAM MAPPING METHODOLOGY		
		Kovačević	Katarina	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Sremčev	Nemanja	University of Novi Sad, Faculty of Technical Sciences	Serbia
14:30h - 15:00h	REFRESHMENT BREAK				

15:00h	SESSION -T1.1/T3.1	PRODUCTION SYSTEMS/SMART PRODUCTION		PowerPoint platform
	Chair:	Prof. Franz Haas, Graz University of Technology, Institute of Production Engineering, Graz, Austria		
	Co-chair:	Assis. Prof. Danijela Čirić Lalić, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia		
15:00h	11441	T1.1-10	APPLICATION OF ROBUST DESIGN PRINCIPLES ON THE EXAMPLE OF TOLERANCE ALLOCATION FOR A SPOOL TYPE PRESSURE RELIEF VALVE	
	Scharf	Martin	Graz University of Technology, Institute of Production Engineering	Austria
	Edler	Jörg	Graz University of Technology, Institute of Production Engineering	Austria
	Neunhuserer	Marcus	Graz University of Technology, Institute of Production Engineering	Austria
	Haas	Franz	Graz University of Technology, Institute of Production Engineering	Austria
15:10h	09841	T1.1-11	Mg-Zn-Y BIOCMPATIBLE ALLOYS PRODUCED IN A LEVITATION FURNACE	
	Lala	Cosmin Gabriel	Univerity Politehnica of Bucharest	Romania
	Onici	Adrian-Emanuel	Univerity Politehnica of Bucharest	Romania
	Voiculescu	Ionelia	Univerity Politehnica of Bucharest	Romania
	Stefanoiu	Radu	Univerity Politehnica of Bucharest	Romania
	Geanta	Victor	University Politehnica of Bucharest	Romania
15:20h	08641	T3.1-1	METAL ADDITIVE MANUFACTURING WITH TOPOLOGY OPTIMIZATION METHODOLOGY FOR INNOVATIVE STRUCTURAL DESIGN	
	Doncheva	Elisaveta	Ss. Cyril and Methodius University in Skopje, Faculty of mechanical engineering	North Macedonia
	Petreski	Martin	Ss. Cyril and Methodius University in Skopje, Faculty of mechanical engineering	North Macedonia
	Zdravski	Filip	Ss. Cyril and Methodius University in Skopje, Faculty of mechanical engineering	North Macedonia
15:30h	11141	T3.1-2	DETECTION OF ANOMALIES ON THE SURFACE OF WORKPIECES PRODUCED ON CNC MACHINES	
	Ilić	Velibor	The Institute for Artificial Intelligence Research and Development of Serbia	Serbia
	Medojević	Milovan	The Institute for Artificial Intelligence Research and Development of Serbia	Serbia
15:40h	01141	T3.1-3	DIGITAL KAIZEN: OPPORTUNITIES ANDCHALLENGES IN INDUSTRY 5.0	
	Bajić	Bojana	University of Novi Sad, Faculty of Technical Sciences	Serbia
	Medojević	Milovan	Institute for Artificial Intelligence R&D of Serbia	Serbia
	Simeunović	Nenad	University of Novi Sad, Faculty of Technical Sciences	Serbia
	Rikalović	Aleksandar	University of Novi Sad, Faculty of Technical Sciences	Serbia
15:50h	09041	T3.1-4	EXPLORING TECHNOLOGY ADOPTION TRENDS: EMPIRICAL INSIGHTS FROM A EUROPEAN MANUFACTURING SURVEY	
	Savković	Milena	University of Novi Sad, Faculty of Technical Sciences	Serbia
	Todorović	Tanja	University of Novi Sad, Faculty of Technical Sciences	Serbia
	Čirić Lalić	Danijela	University of Novi Sad, Faculty of Technical Sciences	Serbia
	Petrović	Jelena	University of Novi Sad, Faculty of Technical Sciences	Serbia
	Lalić	Bojan	University of Novi Sad, Faculty of Technical Sciences	Serbia
16:00h	01941	T3.1-5	INTRODUCING HYBRID LEARNING TO LEARNING FACTORIES	
	Jovanoski	Bojan	Ss. Cyril and Methodius University, Faculty of Mechanical Engineering, Department of Industrial Engineering and Management, Skopje	North Macedonia
	Nixdorf	Steffen	TU Wien, Institute of Management Science	Austria
	Hoier	Philipp	Chalmers University of Technology, Department of Industrial and Materials Science, Gothenburg	Sweden
	Kruusame	Karl	University of Tartu	Estonia
	Skaljic	Edin	FabLab	Bosnia and Herzegovina
	Argilovski	Aleksandar	Ss. Cyril and Methodius University, Faculty of Mechanical Engineering, Department of Industrial Engineering and Management, Skopje	North Macedonia
	Minovski	Robert	Ss. Cyril and Methodius University, Faculty of Mechanical Engineering, Department of Industrial Engineering and Management, Skopje	North Macedonia
	Golec	Matija	University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, Zagreb	Croatia
	Hegedić	Miro	University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture	Croatia
	Ansar	Fazel	TU Wien, Institute of Management Science/Fraunhofer Austria Research GmbH, Vienna	Austria
MAIN HALL - Multimedia room				
13:00h	SESSION -T4.1	INFORMATION MANAGEMENT AND COMMUNICATION SYSTEMS		PowerPoint platform
	Chair:	Prof. Andraš Anderla, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia		
	Co-chair:	Prof. Vladimir Mandić, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia		
13:00h	10441	T4.1-1	CHALLENGES AND OPPORTUNITIES OF BLOCKCHAIN TECHNOLOGY REGULATION	
	Bunčić	Sonja	University of Novi Sad, Faculty of Technical Sciences	Serbia
	Njegovan	Milica	University of Novi Sad, Faculty of Technical Sciences	Serbia
13:10h	06241	T4.1-2	ANALYSIS OF MICROBIOLOGICAL SAMPLES USING THE SEGMENT ANYTHING MODEL	
	Ilić	Tijana	University of Novi Sad	Serbia
	Ilić	Velibor	The Institute for Artificial Intelligence Research and Development of Serbia	Serbia
13:20h	02341	T4.1-3	PRODUCTION AUTOMATION WITH THE HELP OF SOLIDCAM TOOLS	
	Dukić	Valentina	University of Novi Sad, Faculty of Technical Sciences	Serbia
	Gutai	Andrea	University of Novi Sad, Faculty of Technical Sciences	Serbia
	Anderla	Andraš	University of Novi Sad, Faculty of Technical Sciences	Serbia
	Dakić	Duřanka	University of Novi Sad, Faculty of Technical Sciences	Serbia
13:30h	01741	T4.1-4	CHALLENGES OF USING QUANTUM COMPUTING TECHNOLOGY: A SOFTWARE DEVELOPER'S PERSPECTIVE	
	Radujević	Luka	TIAC	Serbia
	Mandić	Vladimir	University of Novi Sad, Faculty of Technical Sciences	Serbia
13:40h	03341	T4.1-5	DRAWING AUTOMATION APPROACH USING SOLIDWORKS API	
	Gutai	Andrea	University of Novi Sad, Faculty of Technical Sciences	Serbia
	Dukić	Valentina	University of Novi Sad, Faculty of Technical Sciences	Serbia
	Anderla	Andraš	University of Novi Sad, Faculty of Technical Sciences	Serbia
	Stadojević	Srdan	University of Novi Sad, Faculty of Technical Sciences	Serbia
	Mirković	Milan	University of Novi Sad, Faculty of Technical Sciences	Serbia
13:50h	03541	T4.1-6	DEMYSTIFYING SONAR TOOL ESTIMATES IN THE CONTEXTS OF FAMILIAR AND UNFAMILIAR SOFTWARE PROJECTS: AN EMPIRICAL STUDY WITH JUNIOR DEVELOPERS	
	Katin	Andrej	University of Novi Sad, Faculty of Technical Sciences	Serbia
	Taušan	Nebojša	University of Novi Sad, Faculty of Economics	Serbia
	Lenarduzzi	Valentina	University of Oulu	Finland
	Mandić	Vladimir	University of Novi Sad, Faculty of Technical Sciences	Serbia
14:00h	04141	T4.1-7	AUTOMATIC PART CREATION IN SOLIDWORKS USING API FUNCTIONS	
	Dukić	Valentina	University of Novi Sad, Faculty of Technical Sciences	Serbia
	Gutai	Andrea	University of Novi Sad, Faculty of Technical Sciences	Serbia
	Anderla	Andraš	University of Novi Sad, Faculty of Technical Sciences	Serbia
	Dakić	Duřanka	University of Novi Sad, Faculty of Technical Sciences	Serbia
	Arsenović	Marko	University of Novi Sad, Faculty of Technical Sciences	Serbia
14:10h	04541	T4.1-8	WHO JUDGES THE TURING TEST BETTER: EXPERTS OR CHATGPT?	
	Gajić	Natalija	University of Novi Sad, Faculty of Technical Sciences	Serbia
	Mandić	Vladimir	University of Novi Sad, Faculty of Technical Sciences	Serbia

14:20h	05441	T4.1-9	INDUSTRIAL INTERNET OF THINGS (IIOT) - SECURITY WEAKNESSES AND MOST COMMON TYPES OF ATTACKS - A SYSTEMATIC LITERATURE REVIEW	Fabri Stefanović Pržulj Vučković Dionisio	Vladimir Miroslav Dorđe Teodora Rogerio	University of Novi Sad, Faculty of Technical Sciences University of Novi Sad, Faculty of Technical Sciences University of Novi Sad, Faculty of Technical Sciences University of Novi Sad, Faculty of Technical Sciences Instituto Politécnico de Castelo Branco	Serbia Serbia Serbia Serbia Portugal
14:30h - 15:00h			REFRESHMENT BREAK				
15:00h	SESSION T4.1		INFORMATION MANAGEMENT AND COMMUNICATION SYSTEMS	PowerPoint platform			
Chair:			Prof. Dubravko Čulibrk, The Institute for AI Research and Development of Serbia, Novi Sad, Serbia				
Co-chair:			Prof. Milan Mirković, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia				
15:00h	07041	T4.1-10	AUTOMATIC COLOR SEGMENTATION FOR HYBRID SUNFLOWER RAY FLORETS	Vajkanović Ilić Čulibrk Cvejić Jocić Zorić	Lazar Velibor Dubravko Sandra Siniša Martina	The Institute for AI Research and Development of Serbia The Institute for AI Research and Development of Serbia The Institute for AI Research and Development of Serbia The Institute of Field and Vegetable crops of Serbia The Institute of Field and Vegetable crops of Serbia The Institute of Lowland Forestry and Environment	Serbia Serbia Serbia Serbia Serbia Serbia
15:10h	08541	T4.1-11	UTILIZING THE "SEGMENT ANYTHING MODEL" FOR MAMMOGRAPHY IMAGE ANALYSIS	Jovišić Ilić Ilić Šešić Dragičević	Nikola Velibor Slobodan Ivana Aleksandra	The Institute for AI Research and Development of Serbia The Institute for AI Research and Development of Serbia The Institute for AI Research and Development of Serbia Radiology Specialist Doctor's Office DOUTORA, Belgrade University of Belgrade, Faculty of Mechanical engineering, Department for Biomedical Engineering	Serbia Serbia Serbia Serbia Serbia
HALL for VIRTUAL presentation- First floor 1-16							
13:00h	SESSION -VP 1.1		PAPERS FROM ALL TOPICS	Webex platform			
Chair:			Prof. Milan Delić University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia				
Co-chair:			Prof. Slobodan Morača, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia				
13:00h	00941	VP 1.1-1	CYBER RISK MANAGEMENT WITH THE SUPPORT OF ARTIFICIAL INTELLIGENCE IN SMES: ANALYSIS OF BARRIERS AND NEEDS	Holder	Lukas	Graz University of Technology	Austria
13:10h	06541	VP 1.1-2	GEOMETRY OF CONTACT AND TECHNOLOGICAL ASPECTS OF RELIEVING OF GEAR CUTTING WORM HOBS	Sandler	Aleksandr	Candidate of Technical Sciences	Russian Federation
13:20h	05341	VP 1.1-3	APPROACHES TO MONITORING OIL AND GAS PIPELINES	Smirnov Stankovski	Vadim Stevan	Naftna industrija Srbije University of Novi Sad, Faculty of Technical Sciences	Serbia Serbia
13:30h	05941	VP 1.1-4	USE OF CERAMIC AND HYBRID ROLLING BEARINGS IN MODERN TECHNOLOGY AND THEIR COMPARATIVE TESTS	Dolsenko Gnytko Koveza Kuznetsova	Vladimir Oleksandr Yurii Anna	National Aerospace University "Kharkiv Aviation Institute" National Aerospace University "Kharkiv Aviation Institute" National Aerospace University "Kharkiv Aviation Institute" National Aerospace University "Kharkiv Aviation Institute"	Ukraine Ukraine Ukraine Ukraine
13:40h	07341	VP 1.1-5	MATURITY MODELS FOR THE USE OF ARTIFICIAL INTELLIGENCE IN ENTERPRISES: A LITERATURE REVIEW	Reichl Gruenbichler	Gernot Rudolf	Graz University of Technology, Faculty of Mechanical Engineering and Economic Sciences Graz University of Technology, Faculty of Mechanical Engineering and Economic Sciences	Austria Austria
13:50h	06941	VP 1.1-6	CHALLENGES OF IMPLEMENTING THE SUPPLY CHAIN DIGITIZATION PROCESS IN THE REPUBLIC OF SERBIA	Zorić Milisavljević Vrhovac	Nebojša Stevan Vijoleta	University of Novi Sad, Faculty of Technical Sciences University of Novi Sad, Faculty of Technical Sciences University of Novi Sad, Faculty of Technical Sciences	Serbia Serbia Serbia
14:00h	10241	VP 1.1-7	APPLICATION OF PERFORMANCE-BASED MAINTENANCE IN LEAN PRODUCTION SYSTEMS	Koković Mačužić Todorović	Vladimir Ivan Petar	SKF Commerce d.o.o. University of Kragujevac, Faculty of Engineering University of Kragujevac, Faculty of Engineering	Serbia Serbia Serbia
14:10h	11341	VP 1.1-8	IMPORTANCE OF DEMAND PLANNING PROCESS ON DIFFERENT SUPPLY CHAIN PERFORMANCE INDICATORS	Bojanić Jeličić Vujasinović	Ranko Dalibor Goran	University of Novi Sad, Faculty of Technical Sciences Novares Srbija d.o.o. University of Novi Sad, Faculty of Technical Sciences	Serbia Serbia Serbia
14:20h	01641	VP 1.1-9	EXPLORING A METHODOLOGICAL APPROACH TO ASSESSING THE POTENTIAL IMPACT OF THE IMPLEMENTATION OF CIRCULAR ECONOMY STRATEGIES ON REGIONAL ECONOMIES THROUGH ENVIRONMENTALLY EXTENDED INPUT-OUTPUT TABLES	Retegj Dorleta Juan Ignacio	Jabier Ibarra Igartua	University of Mondragon University of Mondragon University of Mondragon	Spain Spain Spain
14:30h - 15:00h			REFRESHMENT BREAK				
15:00h	SESSION VP 1.1		PAPERS FROM ALL TOPICS	Webex platform			
Chair:			Prof. Dubravko Čulibrk, The Institute for AI Research and Development of Serbia, Novi Sad, Serbia				
Co-chair:			Prof. Milan Mirković, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia				
15:00h	09641	VP 1.1-10	RELEVANCE OF ADEQUATE INDICATOR UNDERSTANDING FOR BUSINESS PERFORMANCE	Bojanić Jeličić Vujasinović Vujčić	Ranko Dalibor Goran Milsav	University of Novi Sad, Faculty of Technical Sciences Novares Srbija d.o.o. University of Novi Sad, Faculty of Technical Sciences University of Novi Sad, Faculty of Technical Sciences	Serbia Serbia Serbia Serbia
15:10h	05141	VP 1.1-11	ACHIEVING SYNERGY: AN INTEGRATED APPROACH TO PROJECT AND QUALITY MANAGEMENT IN PROJECT-ORIENTED ORGANISATIONS	Fajsi Morača Milosavljević Moljević Gojković	Angela Slobodan Marko Slaviša Ranka	University of Novi Sad, Faculty of Technical Sciences University of Novi Sad, Faculty of Technical Sciences University of Novi Sad, Faculty of Technical Sciences University of East Sarajevo, Faculty of Mechanical Engineering University of East Sarajevo, Faculty of Mechanical Engineering	Serbia Serbia Serbia Bosnia and Herzegovina Bosnia and Herzegovina
15:20h	10141	VP 1.1-12	MODEL FOR ACCEPTANCE OF PATIENTS DURING A PANDEMIC USING SPACE SEARCH OPTIMIZATION	Malik Fuloria Sormaz	Mandvi Dusan	Ohio University, Ohio Ohio University, Ohio	United States United States
15:30h	10941	VP 1.1-13	ACCELERATING BUSINESS TRANSFORMATION: UNLEASHING POTENTIALS FOR CHANGE AND CONTINUOUS IMPROVEMENT THROUGH AGILE PROJECT MANAGEMENT	Grebić Čirić Lalić Savković	Bojan Danijela Milena	University of Novi Sad, Faculty of Technical Sciences University of Novi Sad, Faculty of Technical Sciences University of Novi Sad, Faculty of Technical Sciences	Serbia Serbia Serbia
15:40h	07941	VP 1.1-14	EMPOWERING CONTENT CREATION WITH GENERATIVE AI IN METAVERSE	Boročki Jovanović Vekić Đaković Cvijić Čović	Jelena Aleksandar Aleksandar Vladimir Mirjana	University of Novi Sad, Faculty of Technical Sciences University of Nis, Faculty of Electronic Engineering University of Novi Sad, Faculty of Technical Sciences University of Novi Sad, Faculty of Technical Sciences University of Novi Sad, Faculty of Technical Sciences	Serbia Serbia Serbia Serbia Serbia
20:00h	GALA DINNER - Petrovaradin fortress - TERASA restaurant						

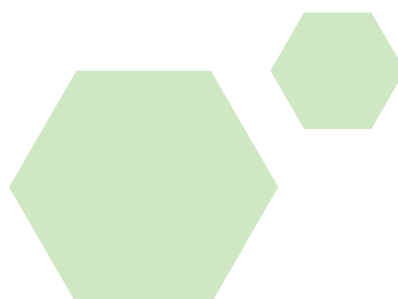
Friday 06.10.2023.

08:30 - 08:50h		REGISTRATION / TESTING & UPLOAD			
		AMPHITHEATER			
09:00h	SESSION -T6.2	ENGINEERING MANAGEMENT/EPIEM Track		PowerPoint platform	
	Chair:	Prof. Nenad Simeunović, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia			
	Co-chair:	Prof. Jelena Čulibrk, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia			
09:00h	02441	T6.2-1	RESILIENCE OF STARTUP COMPANIES IN CRISIS CONDITIONS		
		Vekić	Aleksandar	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Borocki	Jelena	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Đaković	Vladimir	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Ralević	Nebojša	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Mladenović	Igor	University of Nis, Faculty of Economics	Serbia
		Sokolov Mladenović	Svetlana	University of Nis, Faculty of Economics	Serbia
09:10h	04941	T6.2-2	INDUSTRY 5.0 AND THE SKILLS GAP: STRATEGIES FOR DEVELOPING A FUTURE-READY WORKFORCE		
		Brković	Milica	The Institute for Artificial Intelligence Research and Development of Serbia	Serbia
		Čulibrk	Jelena	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Rikalović	Aleksandar	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Tasić	Nemanja	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Bajić	Bojana	University of Novi Sad, Faculty of Technical Sciences	Serbia
09:20h	06141	T6.2-3	CHALLENGES IN THE TRANSITION PROCESS TO THE CIRCULAR ECONOMY - POINT OF VIEW OF A PACKAGING COMPANY		
		Demko-Rihter	Jelena	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Sassanelli	Claudio	Politecnico di Bari	Italy
		Pantelić	Marija	Bosis	Serbia
		Anišić	Zoran	University of Novi Sad, Faculty of Technical Sciences	Serbia
09:30h	06341	T6.2-4	ANALYSIS OF IMPACT OF CLIMATE-RELATED DISCLOSURES ON FINANCIAL REPORTING		
		Conić	Nevena	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Demko-Rihter	Jelena	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Pantelić	Marija	Bosis company	Serbia
09:40h	07441	T6.2-5	STRATEGIC DEVELOPMENT OF HIGHER EDUCATION ACCORDING TO THE NEEDS OF EMPLOYERS - DUAL HIGHER EDUCATION IN MONTENEGRO AS A RESPONSE TO THE CHALLENGES OF MODERN EDUCATION		
		Mešović	Boban	University of Montenegro, Faculty of Economics, Podgorica	Montenegro
		Čirović	Dragana	University of Montenegro, Faculty of Economics, Podgorica	Montenegro
		Vukčević	Milica	University of Montenegro, Faculty of Economics, Podgorica	Montenegro
		Mitrović Veljković	Slavica	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Savić	Mirko	University of Novi Sad, Faculty of Economics, Subotica	Serbia
09:50h	07541	T6.2-6	PRODUCTION PLANNING AND "DEFINE, MEASURE AND ANALYSIS" TOOLS IN AUTOMOTIVE INDUSTRY AS PREREQUISITE OF AUTOMATION: A CASE STUDY		
		Janev	Nemanja	University of Belgrade, Faculty of Mechanical Engineering	Serbia
		Spasojević Brkić	Vesna	University of Belgrade, Faculty of Mechanical Engineering	Serbia
		Misita	Mirjana	University of Belgrade, Faculty of Mechanical Engineering	Serbia
		Mihajlović	Ivan	University of Belgrade, Faculty of Mechanical Engineering	Serbia
		Perišić	Martina	University of Belgrade, Faculty of Mechanical Engineering	Serbia
		Papić	Neda	University of Belgrade, Faculty of Mechanical Engineering	Serbia
10:00h	07641	T6.2-7	E-LEARNING COVID AND POST-COVID RESEARCH TRENDS: A BIBLIOMETRIC ANALYSIS APPROACH		
		Slavić	Dragana	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Simeunović	Nenad	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Marjanović	Uglješa	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Rakić	Slavko	University of Novi Sad, Faculty of Technical Sciences	Serbia
10:10h	08841	T6.2-8	THE IMPORTANCE OF PROJECT SCALE FOR FDI LOCATION CHOICE: EVIDENCE FROM SERBIA		
		Pavlović	Aleksandra	The Academy of Applied Technical Studies Belgrade, Belgrade Polytechnic	Serbia
		Ivanišević	Andrea	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Katić	Ivana	University of Novi Sad, Faculty of Technical Sciences	Serbia
10:20h	09941	T6.2-9	FACTORS INFLUENCING PRODUCTIVITY IN CONSTRUCTION INDUSTRY		
		Aleksić	Aljoša	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Tasić	Nemanja	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Stojić	Nikola	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Todić	Vladimir	University of Novi Sad, Faculty of Technical Sciences	Serbia
10:30h	10041	T6.2-10	THREE LEVERS OF EMISSION-CONTROL (3-LOEC)-MODEL: AT THE CORE OF GHG EMISSION-MANAGEMENT CONTROL SYSTEMS		
		Baumüller	Josef	Technical University of Vienna	Austria
		Schwaiger	Walter	Technical University of Vienna	Austria
		Typelt	Victoria	Technical University of Vienna	Austria
10:40h	12141	T6.2-11	HARNESSING CULTURAL INTELLIGENCE: CHINESE EXPATRIATES LEADING THE WAY IN INNOVATION		
		Zivlak	Nikola	emlyon business school	France
		Reichman	Zoe	emlyon business school	France
10:50h - 11:00h		FAREWELL DRINKS			



MULTIFUNCIONAL ROOM - Second floor 2-13

09:00h	SESSION -T5.1	QUALITY, EFFECTIVENESS AND LOGISTICS	PowerPoint platform
	Chair:	Prof. Miodrag Hadžišević, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia	
	Co-chair:	Prof. Velibor Karanović, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia	
09:00h	11241	T5.1-1	ROUGHNESS MEASUREMENT OPTIMIZATION OF REFLECTIVE SURFACES BY FOCUS VARIATION METHOD
		Ranisavljev	Miloš University of Novi Sad, Faculty of Technical Sciences Serbia
		Štrbac	Branko University of Novi Sad, Faculty of Technical Sciences Slovenia
		Hadžišević	Miodrag University of Novi Sad, Faculty of Technical Sciences Serbia
		Bobić	Zoran University of Novi Sad, Faculty of Technical Sciences Serbia
		Božić	Dejan University of Novi Sad, Faculty of Technical Sciences Serbia
		Dudić	Branislav Comenius University Bratislava, Faculty of Management Slovakia
09:10h	09541	T5.1-2	METHODOLOGY FOR PREVENTION THROUGH DESIGN IN OCCUPATIONAL SAFETY
		Velkovski	Trajche Ss. Cyril and Methodius University in Skopje, Faculty of mechanical engineering North Macedonia
		Chaloska	Jasmina Ss. Cyril and Methodius University in Skopje, Faculty of mechanical engineering North Macedonia
		Petreski	Zlatko Ss. Cyril and Methodius University in Skopje, Faculty of mechanical engineering North Macedonia
		Hristova	Aleksandra Ss. Cyril and Methodius University in Skopje, Faculty of Mechanical Engineering North Macedonia
09:20h	07241	T5.1-3	USING NEURAL NETWORK WITH CONVOLUTION LAYER FOR AUTOMATIC QUALITY INSPECTION
		Savković	Marija University of Kragujevac, Faculty of Engineering Serbia
		Mijačević	Nikola University of Kragujevac, Faculty of Engineering Serbia
		Đapan	Marko University of Kragujevac, Faculty of Engineering Serbia
		Caiazza	Carlo University of Kragujevac, Faculty of Engineering Serbia
		Milojević	Dorđe University of Kragujevac, Faculty of Engineering Serbia
09:30h	08841	T5.1-4	DEVELOPMENT OF THE QUALITY CONCEPT IN THE TRANSITION FROM INDUSTRY 4.0 TO INDUSTRY 5.0
		Ivančević	Tijana University of Novi Sad, Faculty of Technical Sciences Serbia
		Dejić	Milan University of Novi Sad, Faculty of Technical Sciences Serbia
		Vasić	Stana University of Novi Sad, Faculty of Technical Sciences Serbia
09:40h	01841	T5.1-5	FUZZY FAILURE MODES AND EFFECTS ANALYSIS (FMEA) FOR HYDROSTATIC TRANSMISSION SYSTEM (HTS)
		Karanović	Velibor University of Novi Sad, Faculty of Technical Sciences Serbia
		Penčić	Marko University of Novi Sad, Faculty of Technical Sciences Serbia
		Jocanović	Mitar University of Novi Sad, Faculty of Technical Sciences Serbia
		Čavić	Maja University of Novi Sad, Faculty of Technical Sciences Serbia
09:50h	02141	T5.1-6	IDENTIFICATION OF THE INTERDEPENDENT INFLUENCES OF MOTIVATORS FOR ENVIRONMENTAL PROTECTION IN REVERSE LOGISTICS IN THE CONDITIONS OF A DEVELOPING ECONOMY
		Brkić	Nebojša University of Novi Sad, Faculty of Technical Sciences Serbia
		Ristić	Kristina University of Novi Sad, Faculty of Technical Sciences Serbia
		Vasić	Stana University of Novi Sad, Faculty of Technical Sciences Serbia
		Milisaavljević	Stevan University of Novi Sad, Faculty of Technical Sciences Serbia
		Vrhovac	Vijoleta University of Novi Sad, Faculty of Technical Sciences Serbia
		Žižakov	Marina University of Novi Sad, Faculty of Technical Sciences Serbia
10:00h	06841	T5.1-7	STANDARDIZATION OF WORK AS PART OF THE IMPLEMENTATION OF THE LEAN STRATEGY IN SERVICE
		Tomić	Dragić University of Novi Sad, Faculty of Technical Sciences Serbia
		Lazarević	Milovan University of Novi Sad, Faculty of Technical Sciences Serbia
		Jocanović	Mitar University of Novi Sad, Faculty of Technical Sciences Serbia
		Dudak	Ljubica University of Novi Sad, Faculty of Technical Sciences Serbia
		Bunčić	Sonja University of Novi Sad, Faculty of Technical Sciences Serbia
10:10h	08441	T5.1-8	USING MULTISENSOR DATA FUSION FOR ALLOCATING SYSTEMIC FAULTS OF THE HYDRAULIC CONTROL SUBSYSTEM OF A RUBBER MIXING MACHINE
		Orošnjak	Marko University of Novi Sad, Faculty of Technical Sciences Serbia
		Ramos	Sandra Universidade do Porto, Instituto Politécnico do Porto Instituto Superior de Engenharia do Porto Portugal
10:20h	09441	T5.1-9	EXPLORING THE QUALITATIVE DIMENSIONS OF INDIVIDUAL MOTIVATION OF EMPLOYEES IN SELECTED MACEDONIAN MANUFACTURING COMPANIES FOR OCCUPATIONAL HEALTH AND SAFETY TRAININGS: A SELF-DETERMINATION THEORY PERSPECTIVE
		Velkovski	Trajche Ss. Cyril and Methodius University in Skopje, Fac. of mechanical engineering North Macedonia
		Chaloska	Jasmina Ss. Cyril and Methodius University in Skopje, Fac. of mechanical engineering North Macedonia
		Petreski	Zlatko Ss. Cyril and Methodius University in Skopje, Fac. of mechanical engineering North Macedonia
		Mitkovski	Dragan Ss. Cyril and Methodius University in Skopje, Fac. of mechanical engineering North Macedonia
		Mučenski	Vladimir University of Novi Sad, Faculty of Technical Sciences Serbia
10:30h - 11:00h	FAREWELL DRINKS		
MAIN HALL - Multimedia room			
09:00h	SESSION -T2.1/T7.1	MECHATRONICS, ROBOTICS AND AUTOMATION/GREEN ENERGY	PowerPoint platform
	Chair:	Prof. Slobodan Dudić, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia	
	Co-chair:	Prof. Ivana Šenk, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia	
09:00h	04641	T2.1-1	DEVELOPMENT OF AN IIOT-READY CONVEYOR SYSTEM
		Šenk	Ivana University of Novi Sad, Faculty of Technical Sciences Serbia
		Tarjan	Laslo University of Novi Sad, Faculty of Technical Sciences Serbia
		Tegeltija	Srdan University of Novi Sad, Faculty of Technical Sciences Serbia
		Reljić	Vule University of Novi Sad, Faculty of Technical Sciences Serbia
		Babić	Mladen University of Novi Sad, Faculty of Technical Sciences Serbia
		Stanojević	Miloš University of Novi Sad, Faculty of Technical Sciences Serbia
09:10h	10541	T2.1-2	TRACEABILITY IN AGRI-FOOD PRODUCTION AND SUPPLY CHAINS
		Stankovski	Stevan University of Novi Sad, Faculty of Technical Sciences Serbia
		Ostojić	Gordana University of Novi Sad, Faculty of Technical Sciences Serbia



09:20h	03441	T2.1-3	CONCEPTUAL SOLUTION OF THE TRAINING KITS FOR CRITICAL INFRASTRUCTURE CYBER SECURITY – CASE STUDY: OPEN-LOOP PUMPED STORAGE HYDROPOWER	Reljić Vule University of Novi Sad, Faculty of Technical Sciences Serbia	Šešljia Dragan University of Novi Sad, Faculty of Technical Sciences Serbia	Jurošević Vladimir University of Novi Sad, Faculty of Technical Sciences Serbia	Mladenović Valentina Technical College of Applied Sciences at Zrenjanin Serbia
09:30h	03741	T2.1-4	DEVELOPMENT OF A USER APPLICATION FOR OPTIMIZING THE PROCEDURE OF COMPRESSED AIR CONSUMPTION CALCULATION	Šulc Jovan University of Novi Sad, Faculty of Technical Sciences Serbia	Dudić Slobodan University of Novi Sad, Faculty of Technical Sciences Serbia	Milenković Ivana University of Novi Sad, Faculty of Technical Sciences Serbia	Dakić Nikolina University of Novi Sad, Faculty of Technical Sciences Serbia
09:40h	05741	T2.1-5	WHETHER TO IMPLEMENT ROBOTIC SOLUTIONS IN LEAN INDUSTRIAL SYSTEMS: A DECISION BASED ON FINANCIAL INDICATORS	Nikolić Nastasija University of Kragujevac, Faculty of Engineering Serbia	Caiazzo Carlo University of Kragujevac, Faculty of Engineering Serbia	Djapan Marko University of Kragujevac, Faculty of Engineering Serbia	Mačuzić Ivan University of Kragujevac, Faculty of Engineering Serbia
				Milojević Đorđe University of Kragujevac, Faculty of Engineering Serbia	Jovičić Aleksandra University of Kragujevac, Faculty of Engineering Serbia		
09:50h	08141	T2.1-6	A MACHINE LEARNING PIPELINE IMPLEMENTATION USING MLOPS AND GITOPS PRINCIPLES	Radaković Nataša Productdock d.o.o. Serbia	Senk Ivana University of Novi Sad, Faculty of Technical Sciences Serbia	Romanić Nina Productdock d.o.o. Serbia	
10:00h	07141	T7.1-1	SOLID OXIDE FUEL CELL COMBINED HEAT AND POWER PLANT OPERATED WITH DIESEL	Höber Michael Graz University of Technology, Institute of Thermal Engineering Austria	Subotić Vanja Graz University of Technology, Institute of Thermal Engineering Austria		
10:10h	10341	T7.1-2	PERFORMANCE OPTIMIZATION OF SOLID OXIDE FUEL CELL OPERATION WITH ARTIFICIAL INTELLIGENCE	Mütter Felix Graz University of Technology, Institute of Thermal Engineering Austria	Subotić Vanja Graz University of Technology, Institute of Thermal Engineering Austria		
10:20h	08941	T7.1-3	THE IMPACT OF INDUSTRY 4.0 ON SUSTAINABLE DEVELOPMENT GOALS: SUSTAINABILITY, SOLAR ENERGY AND IOT ON CLEAN WATER FOR MARGINALISED COMMUNITIES	Montero de la Vega Camila Universidad del Salvador Argentina	Salimbeni Sergio Universidad del Salvador Argentina	Montaña Delfina Universidad del Salvador Argentina	Maid Sofia Universidad del Salvador Argentina
				Salimbeni Sergio Universidad del Salvador Argentina			
10:30h	09341	T7.1-4	TRAFFIC LIGHT SIGNALIZATION BASED ON RENEWABLE ENERGY SOURCES: FEASIBILITY AND CHALLENGES	Vuković Marko University of Novi Sad, Faculty of Technical Sciences Serbia	Kaštelan Ivan University of Novi Sad, Faculty of Technical Sciences Serbia	Miškić Miroslav University of Novi Sad, Faculty of Technical Sciences Serbia	
10:30h - 11:00h			FAREWELL DRINKS				



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