



TECHNICAL FACULTY "MIHAJLO PUPIN" ZRENJANIN,
UNIVERSITY OF NOVI SAD,
REPUBLIC OF SERBIA



CONFERENCE AGENDA

Venue:

Technical Faculty "Mihajlo Pupin" Zrenjanin,
October, 3-4th, 2024.

Thursday, 03.10.2024.	
15.00 - 17.00h	Registration
19.00h	Welcoming cocktail
Friday, 04.10.2024.	
9.00 – 10.00h	<i>Registration</i>
10.00 – 10.30h <u>36</u>	<i>OPENING of the</i> <i>XIV International conference on Industrial Engineering and Environment Protection</i> Ph.D Milan Nikolić, Dean of the TF “Mihajlo Pupin” Ph.D Jasna Tolmač, President of the Organizing Committee
PLENARY SESSION	
10.30 -11.30h <u>35</u>	Chairs: Slavica Prvulović, Jasna Tolmač EXAMINATION OF THE SAMPLE PROPERTIES MADE BY THE ADDITIVE Mirko Karakašić EVALUATING MICROPOLLUTANTS IN THE DANUBE RIVER: ASSESSING CONCENTRATIONS AND ENVIRONMENTAL IMPACT Marija Perović
11.30 - 12.00h	<i>Coffee break</i>
12.00 - 13.00h	ORAL/POSTER PRESENTATION
SESSION 1 (Chairs: Ljiljana Radovanović, Borivoj Novaković)	
12.00 - 13.00h <u>36</u>	Mechanical Engineering Energetics and Process Technique Designing and Maintenance Oil and gas engineering Engineering Management

SESSION 2 (Chairs: Višnja Mihajlović, Jovana Čugalj)	
12.00-13.00h	Health and Environmental Protection
<u>35</u>	Environmental Management and Occupational Safety
13.00 - 14.00h	<i>Lunch break</i>
14.00 - 14.30h	<i>Conclusions of the conference and closing ceremony</i>

ORAL/POSTER PRESENTATION

Session 1. Mechanical Engineering		
FREE VIBRATION ANALYSYS OF A BEAM RESTING ON WINKLER ELASTIC FOUNDATION THROUGH THE SUMUDU TRANSFORM METHOD FLUID	Svetlana Lilkova-Markova, Dimitar Lolov	University of Architecture, Civil Engineering and Geodesy, Faculty of Hydraulic Engineering, Sofia, Bulgaria
DEVELOPMENT OF A MODEL FOR ASSESSING VIBRATION RISK LEVELS IN HYDROPOWER PLANT TECHNICAL SYSTEMS	Slobodan Juric, Slavica Prvulovic, Jasna Tolmac, Uros Sarenac, Ljubisa Josimovic, Milos Josimovic	High school "CEPS-Center for Business Studies" Kiseljak, Bosnia and Herzegovina
ARTIFICIAL INTELLIGENCE IN FUNCTION OF IMPROVING PRODUCT FUNCTIONALITIES	Rade Dragović, Milada Novaković, Zoran Bakić, Marija Matotek Anđelić, Igor Kostovski, Valentina Mladenović	Institute for standards and technology, Belgrade, Serbia, Technical College of Applied Sciences, Zrenjanin, Serbia, Ministry of Economy, Belgrade, Serbia, University of Novi Sad, Technical Faculty "Mihajlo Pupin", Zrenjanin, Serbia
THE ROLE OF COOLANT IN THE ENERGY BALANCE OF INTERNAL COMBUSTION ENGINES	Juraj Marković, Hrvoje Glavaš, Mirko Karakašić, Eleonora Desnica	Faculty of Electrical Engineering, Computer Science and Information Technology Osijek, Osijek, Croatia, University of Slavonski Brod, Mechanical Engineering Faculty, Slavonski Brod, Croatia, University of Novi Sad, Technical Faculty "Mihajlo Pupin", Zrenjanin, Serbia
EXAMINATION OF THE SAMPLE PROPERTIES MADE BY THE ADDITIVE	Mirko Karakašić	University of Slavonski Brod, Mechanical Engineering Faculty, Slavonski Brod, Croatia
PRODUCT DEVELOPMENT OF AN INDUSTRIAL CONTROL SYSTEM FOR ROTOR WITH A FOCUS ON DESIGN FEATURES	Jure Marijić, Ivan Grgić, Marko Vilić, Mirko Karakašić, Željko Ivandić	University of Slavonski Brod, Mechanical Engineering Faculty in Slavonski Brod, Slavonski Brod, Croatia
THE ROLE OF CERIUM AND PRASEODIUM AS RARE-EARTH ELEMENTS IN FILLER METAL FOR BRAZING DIAMOND – AN OVERVIEW	Zoran Karastojković, Jasmina Pekez, Radiša Perić	Society for Ethics and Evaluation in the Arts and Sciences, 11000 Belgrade, Serbia, Technical Faculty, University of Novi Sad, 22000 Zrenjanin, Serbia "Perić&Perić"d.o.o., Dunavska 114-116, 12000 Požarevac, Serbia

<p align="center">MECHANICAL CENTRIFUGATION AND PYROLISIS AS A COMBINED PROCESS FOR EFFICIENT MANAGEMENT OF OIL REFINERY SLUDGE</p>	<p align="center">Srđan Kovačević, Nikolina Tošić, David Mitrinović, Marko Muhadinović, Galina Ilinykin, Natalia Sliusar</p>	<p align="center">University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia Institute for the Development of Water Resources “Jaroslav Černi”, Belgrade, Serbia Lafarge BFC Srbija, d.o.o. Perm National Research Polytechnic University, Environmental Protection Department, Perm, Russia</p>
<p align="center">THE INFLUENCE OF THE LAYER HEIGHT ON THE HARDNESS OF THE TPU PLASTIC SPECIMEN MADE BY 3D PRINTING</p>	<p align="center">Dušan Jovanić, Eleonora Desnica, Dušan Malić</p>	<p align="center">Technical College of Applied Sciences, Zrenjanin, Serbia University of Novi Sad, Technical Faculty “Mihajlo Pupin“, Zrenjanin, Serbia</p>
<p align="center">EVALUATION OF THE TECHNOLOGICAL EFFECTS OF CELLULAR MANUFACTURING FOR A GROUP OF PRODUCTS</p>	<p align="center">Dejan Lukic, Mijodrag Milosevic, Ahmet Cekic, Maida Cohodar Husic, Djerdzija Begic-Hajdarevic, Dejan Bozic</p>	<p align="center">University of Novi Sad, Faculty of Technical Sciences, DPE, Novi Sad, Serbia University of Sarajevo, Faculty of Mechanical Engineering, Sarajevo, BiH</p>
<p align="center">THE MECHANICAL PROPERTIES OF A CIRCULAR CROSS-SECTION COLUMN MADE OF COMPOSITE MATERIAL PRODUCED USING A NEW MIXED PLASTIC RECYCLING TECHNOLOGY</p>	<p align="center">Ljubica Lazić Vulićević, Danijela M. Jašin, Aleksandar Rajić, Valentina Mladenović, Ivan Palinkaš</p>	<p align="center">Technical College of Applied Sciences, Zrenjanin, Serbia University of Novi Sad, Technical Faculty “Mihajlo Pupin“, Zrenjanin, Serbia</p>
<p align="center">STRESS ANALYSIS OF CRANE SHACKLE USING FEM</p>	<p align="center">Srđan Samardžic, Spasoje Trifković, Miroslav Milutinović</p>	<p align="center">University of East Sarajevo, Faculty of Mechanical Engineering, Republic of Srpska, Bosnia and Herzegovina</p>
<p align="center">BIOMIMETIC APPLICATIONS IN FLUID MECHANICS: FROM NATURE-INSPIRED DESIGNS TO TECHNOLOGICAL ADVANCEMENTS</p>	<p align="center">Murat Ispir, Muharrem Hilmi Aksoy</p>	<p align="center">Konya Technical University, Faculty of Engineering and Natural Science, Konya, Türkiye</p>

<p>THE DEVIATION BETWEEN INJECTED MOLDED PLASTIC PART AND FDM MANUFACTURED PART</p>	<p>Ivan Matin, Branko Štrbac, Miloš Ranisavljev, Miodrag Hadžistević, Đorđe Vukelić</p>	<p>University of Novi Sad, Faculty of Technical Sciences, Department of Production Engineering, Novi Sad, Serbia</p>
<p>ALGEBRAIC DIAMETER PROPORTION EXPRESSIONS DERIVED AND EXAMINED FOR EQUAL FLOW DISTRIBUTION BY MANIFOLD NOZZLE COUPLE</p>	<p>Eyüb Canli</p>	<p>Mechanical Engineering Department, Technology Faculty, Selcuk University, Konya, Türkiye</p>
<p>OPTIMAL LQR CONTROL OF A PENDULUM BASED OVERHEAD CRANE USING THE WHALE OPTIMIZATION ALGORITHM</p>	<p>Abdullah Çakan</p>	<p>Konya Technical University, Faculty of Engineering and Natural Sciences, Department of Mechanical Engineering, Konya, Turkey</p>
<p>ANALYSIS OF THE SYSTEM FOR ACTIVE VIBRATION REDUCTION DURING WHEEL LOADER MOVEMENT</p>	<p>Jovan Pavlović, Dragoslav Janošević, Vesna Jovanović</p>	<p>University of Niš, Faculty of Mechanical Engineering, Niš, Serbia</p>
<p>THE DIGITAL FACTORY–PRESENT AND FUTURE</p>	<p>Stanko P. Stankov</p>	<p>University of Niš, Faculty of Electronic Engineering, Niš, Serbia</p>
<p>A SUPERVISORY CONTROL OF WATER SUPPLY SYSTEM</p>	<p>Stanko P. Stankov</p>	<p>University of Niš, Faculty of Electronic Engineering, Niš, Serbia</p>
<p>THE EXAMINATION OF OPERATIONAL CONDITION THROUGH THE VOLUMETRIC EFFICIENCY OF AN AXIAL PISTON PUMP</p>	<p>Borivoj Novaković, Luka Đorđević, Ljiljana Radovanović, Mihalj Bakator, Milan Marković, Stefan Ugrinov, Mića Đurđev</p>	<p>University of Novi Sad, Technical faculty "Mihajlo Pupin", Zrenjanin, Republic of Serbia</p>
<p>AUTOMATED DECISION SUPPORT SYSTEMS</p>	<p>Sondra Preascilla Ioana Vacarescu, Nicolae Paraschiv, Flavius-Maxim Petcuț</p>	<p>Petroleum-Gas University of Ploiesti, Romania Continental Automotive Romania Aurel Vlaicu University of Arad, Romania</p>

<p>DEVELOPMENT OF SUPPORT VECTOR MACHINE MODEL FOR CHIP FORM CLASSIFICATION IN TURNING OF POM-C</p>	<p>Miloš Madić, Milan Trifunović, Marko Kovačević</p>	<p>University of Niš, Faculty of Mechanical Engineering in Niš, Niš, Serbia Independent researcher, University of Niš, Niš, Serbia</p>
<p>DEVELOPMENT OF A MODEL FOR ASSESSING VIBRATION RISK LEVELS IN HYDROPOWER PLANT TECHNICAL SYSTEMS</p>	<p>Slobodan Juric, Slavica Prvulovic, Jasna Tolmac, Uros Sarenac, Ljubisa Josimovic, Milos Josimovic</p>	<p>University of Architecture, Civil Engineering and Geodesy, Faculty of Hydraulic Engineering, Sofia, Bulgaria</p>
<p>Session 1. Energetics and Process Technique</p>		
<p>RISK ANALYSIS USING THE INTEGRATED FTA AND FMEA MODEL ON THE EXAMPLE OF A BIOGAS PLANT</p>	<p>Jovana Radnović, Vesna Makitan</p>	<p>University of Novi Sad, Technical Faculty “Mihajlo Pupin”, Zrenjanin, Serbia</p>
<p>LOCALIZED STATES OF BASIC ELEMENTARY CHARGES IN ULTRATHIN CRYSTALLINE FILM-STRUCTURES</p>	<p>Nikola R. Vojnović, Dušan I. Ilić, Jovan P. Šetrajčić</p>	<p>University of Novi Sad, Faculty of Technical Sciences, Trg D.Obradovića 6, 21.000 Novi Sad, Vojvodina – Serbia Academy of Sciences and Arts of the Republic of Srpska, Bana dr T.Lazarevića 1, 78.000 Banja Luka, Republic of Srpska, B&H</p>
<p>APPLICATION OF STATISTICAL METHODS IN ORDER TO DETERMINE THE LEVEL OF ENERGY EFFICIENCY</p>	<p>Čugalj Jovana, Pekez Jasmina, Stojanov Jelena</p>	<p>University of Novi Sad, Technical Faculty “Mihajlo Pupin”, Zrenjanin, Serbia</p>
<p>ANALYSIS OF A RESIDENTIAL PHOTOVOLTAIC SYSTEM</p>	<p>Anca-Adriana Petcuț-Lasc, Valentina-Emilia Bălaș, Flavius-Maxim Petcuț</p>	<p>Aurel Vlaicu University of Arad, Romania Petroleum-Gas University of Ploiesti, Romania</p>
<p>Session 1. Designing and Maintenance</p>		
<p>PRELIMINARY STUDY ON DRIVER POSTURE THROUGH NEW METHOD OF ANALYSIS</p>	<p>Anca SABAU, Mihaela POPA, Gabriela STOIA, Timotei Bogdan BACOȘ, Adrian Eugen CIOABLĂ</p>	<p>Faculty of Mechanical Engineering, University Politehnica Timisoara, Timisoara, Romania</p>

PROJECT MANAGEMENT AND MAINTENANCE OPTIMIZATION IN INDUSTRIAL TECHNICAL SYSTEMS	Peko Lakatuš	University of Novi Sad, Technical Faculty "Mihajlo Pupin", Zrenjanin, Serbia
Session 1. Oil and gas engineering		
OPTIMIZATION OF OIL PRODUCTION ON THE EXAMPLE OF LIBYA	Branislava Radišić, Snežana Komatina, Slavica Prvulović, Snežana Filip, Dragana Kovač	University of Novi Sad, Technical Faculty "Mihajlo Pupin", Zrenjanin, Republic of Serbia
POSSIBILITIES OF PURIFICATION OF OIL CONTAMINATED WATER USING PERLITE	Danijela Jašin, Milana Drašković, Milada Novaković	Technical College of Applied Studies, Zrenjanin, Serbia
ANALYSIS OF TEMPERATURE DROP AND HEAT LOSSES OF CRUDE OIL ALONG THE MAIN OIL PIPELINE	Jasna Tolmač, Slavica Prvulović, Saša Jovanović, Uroš Šarenac, Branislava Radišić	University of Novi Sad, Technical Faculty "Mihajlo Pupin", Zrenjanin University of Pristina, Faculty of Technical Sciences, Kosovska Mitrovica, 38220, Kosovo
Session 1. Engineering Management		
THE IMPORTANCE OF BUSINESS INCUBATORS FOR THE IMPLEMENTATION OF ENERGY MANAGEMENT	Vladimir Milošev, Rade Dragović, Igor Kostovski	University of Novi Sad, Technical Faculty "Mihajlo Pupin", Zrenjanin, Serbia
SUSTAINABLE SUPPLY CHAIN MANAGEMENT IN THE CONTEXT OF NATURAL RESOURCE CONSERVATION	Stefan Ugrinov, Sanja Stanisavljev, Mihalj Bakator, Edit Terek Stojanović, Mila Kavalić, Verica Gluvakov	University of Novi Sad, Technical Faculty "Mihajlo Pupin", Zrenjanin, Serbia
ARTIFICIAL INTELLIGENCE – AN ESSENTIAL FACTOR IN CORPORATE STRATEGIC COMMUNICATION	Zlatko Lacković, Milan Ivanović, Krešimir Lacković	Panon – think tank, Osijek, Croatia 2 Sveučilište Sjever - Koprivnica, Croatia
THE APPLICATION OF INDUSTRY 4.0 AMONG ENTREPRENEURS IN THE REPUBLIC OF SERBIA	Bojan Stankov, Sanja Stanisavljev, Mila Kavalić, Verica Gluvakov, Snežana Mirković	Hemofarm a.d. Hemofarm A.D., Beogradski put bb, 26300 Vršac, Srbija, Technical Faculty "Mihajlo Pupin", Zrenjanin, University of Novi Sad, Zrenjanin, Serbia, 5BB TRADE doo, Zrenjanin, Serbia

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GREEN BEHAVIOR OF EMPLOYEES	Dragana Kovač, Edit Terek Stojanović, Mila Kavalić, Maja Gaborov, Melita Ćočkalo-Hronjec	University of Novi Sad, Technical Faculty “Mihajlo Pupin”, Zrenjanin, Serbia High school „Laza Kostic“, Novi Sad, Republic of Serbia
COMMISSIONING AND QUALIFICATION OF A PHARMACEUTICAL FACILITY	Ilija Tabašević, Dragan D. Milanović, Mirjana Misita	Hemofarm, Vršac, Serbia University of Belgrade, Faculty of Mechanical Engineering, Beograd, Serbia
CIRCULAR ECONOMY IN THE CONSTRUCTION SECTOR: THE SITUATION IN CROATIA	Držislav Vidaković, Marijana Hadzima- Nyarko, Laura Šoja	Josip Juraj Strossmayer University of Osijek, Faculty of Civil Engineering and Architecture Osijek, Osijek, Croatia Josip Juraj Strossmayer University of Osijek, Faculty of Economics and Business, Osijek, Croatia
INTRODUCING ISO 22301 INTO AN ESTABLISHED INTEGRATED MANAGEMENT SYSTEM (IMS)	Marija Perović, Marija Todorović	Jaroslav Černi Water Institute, Belgrade, Serbia
Session 2. Health and Environmental Protection		
VALIDATION OF SOME AIR POLLUTANT DISTRIBUTION MODELS	Stevo K. Jačimovski, Dane Subošić, Jovan P. Šetrajčić	University of Criminalistic and Police Studies, Zemun – Belgrade, Serbia Academy of Sciences and Arts of the Republic of Srpska, Banja Luka, B&H
EXPERIMENTAL STUDY OF FIRE HAZARDS FROM SMALL-SCALE METHANE FIRES	Milan Protić, Nikola Mišić, Ana Vukadinović, Jasmina Radosavljević, Miomir Raos	University of Niš, Faculty of Occupational Safety, Niš, Serbia
INTEGRATION OF CIRCULAR ECONOMY AND INDUSTRIAL ECOLOGY: PATHWAYS TO SUSTAINABLE INDUSTRIAL DEVELOPMENT	Vesna Drakulović, Višnja Mihajlović, Bogdana Vujić, Mića Đurđev, Milan Marković	Univesity of Novi Sad, Technical Faculty “Mihajlo Pupin”, Zrenjanin, Serbia
METHODOLOGY OF DETERMINATION OF FIRE HAZARD ZONES IN THE HIGH-BAY WAREHOUSES	Goran Bošković, Višnja Mihajlović, Nikola Karanović, Natalija Nikolić, Zoran Čepić	Faculty of Mechanical and Civil Engineering in Kraljevo, University of Kragujevac, Kraljevo, Serbia Technical Faculty “Mihajlo Pupin”, University of Novi Sad, Zrenjanin, Serbia University of Aveiro, Portugal Faculty of Sciences, University of Novi Sad, Novi Sad, Serbia

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<p align="center">GIS AND REMOTE SENSING IN FOREST FIRE ANALYSIS IN SERBIA</p>	<p align="center">Natalija Nikolić, Jovana Čugalj, Vesna Drakulović</p>	<p align="center">Faculty of Sciences, University of Novi Sad, Novi Sad, Serbia Technical Faculty “Mihajlo Pupin” Zrenjanin, University of Novi Sad, Serbia</p>
<p align="center">PTE DISTRIBUTION FACTOR AS AN INDICATOR OF URBAN SOIL POLLUTION</p>	<p align="center">Aleksandra Mihailović, Jordana Ninkov, Selena Samardžić, Savka Adamović Robert Lakatoš, Sofija M. Forkapić, Tomas Nemeš</p>	<p align="center">University of Novi Sad, Faculty of Technical Sciences, Trg Dositeja Obradovića 6, Novi Sad, Serbia, Institute of Field and Vegetable Crops, National Institute of the Republic of Serbia, Maksima Gorkog 30, Novi Sad, University of Novi Sad, Serbia Faculty of Sciences, Novi Sad, Serbia</p>
<p align="center">Assessing the Potential of Photovoltaics on Austrian Railway Noise Barriers: Advancing Renewable Energy Communities and Sustainable Energy Solutions</p>	<p align="center">Milijana Keseric, Momir Tabakovic</p>	<p align="center">University of Applied Sciences Wiener Neustadt, Wieselburg, Austria University of Applied Science Technikum Wien, Vienna, Austria</p>
<p align="center">GREENWASHING: TRICK OR THREAT</p>	<p align="center">Gordana Rendulić Davidović, Milena Damnjanović, Nikola Radosavljević</p>	<p align="center">University of Kragujevac, Faculty of Technical Sciences Čačak, Serbia</p>
<p align="center">PREDICTION OF LANDFILL FIRE AND ENVIRONMENTAL IMPACT HAZARD ZONES: CASE STUDY OF THE SANITARY LANDFILL IN PIROT</p>	<p align="center">Lidija Milošević, Emina Mihajlović, Amelija Đorđević, Jelena Malenović</p>	<p align="center">University of Niš, Faculty of Occupational safety in Niš, Niš</p>
<p align="center">DISTRIBUTION OF PCB CONGENERS IN ENVIRONMENTAL MEDIA</p>	<p align="center">Nada Markovic, Nebojsa Ralevic</p>	<p align="center">Directorate for Inspection Affairs, Podgorica, Montenegro University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia</p>

<p>ASSESMENT OF WATERBORNE TRANSPORT SECTOR IMPACT ON EUROPE AIR QUALITY WITH SHERPA MODEL</p>	<p>Madalina Zot, Francisc Popescu</p>	<p>University Politehnica Timisoara, Timisoara, Romania</p>
<p>NAVIGATING TOWARDS ZERO-EMISSION DISTRICT HEATING: THE DANISH GOOD PRACTICE EXAMPLE FROM ESBJERG</p>	<p>Borivoj Lj. Stepanov, Zoran M. Čepić, Đorđije D. Doder</p>	<p>University of Novi Sad, Faculty of Technical Sciences, Department of Energy and Process Engineering, Novi Sad, Serbia University of Novi Sad, Faculty of Technical Sciences, Department of Environmental Engineering and Safety at work, Novi Sad, Serbia</p>
<p>IMPACT OF FUEL CONSUMPTION ON CO2 EMISSIONS IN ROAD TRANSPORT IN EUROPEAN COUNTRIES</p>	<p>Ermina Ćosović, Ivan Mihajlović, Vesna Spasojević Brkić</p>	<p>University of Belgrade, Faculty of Mechanical Engineering, Belgrade, Serbia</p>
<p>EVALUATING MICROPOLLUTANTS IN THE DANUBE RIVER: ASSESSING CONCENTRATIONS AND ENVIRONMENTAL IMPACT</p>	<p>Marija Perović</p>	<p>Jaroslav Černi Water Institute, Belgrade, Serbia</p>
<p>APPLICATION OF THE MACHINE LEARNING IN SURFACE WATER QUALITY ASSESSMENT</p>	<p>Jelena Antović, Katarina Batalović, Ivana Mihajlović</p>	<p>University of Priština, Faculty of Technical Sciences, Knjaza Milosa 7, Kosovska Mitrovica 38220 VINČA Institute of Nuclear Sciences—National Institute of the Republic of Serbia, University of Belgrade, Mike Petrovica Alasa 12–14, Belgrade 11000, Serbia University of Novi Sad, Faculty of Technical Sciences, Department of Environmental Engineering and Occupational Safety and Health, Trg Dositeja Obradovića 6, Novi Sad 21000, Serbia</p>

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<p align="center">COMPARATIVE STUDY OF SODA LAKES AND PANS CHEMICAL PROPERTIES IN SERBIA AND HUNGARY</p>	<p align="center">Nevena Živančev, Srđan Kovačević, Ivana Mihajlović</p>	<p align="center">University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia</p>
<p align="center">THE NECESSITY OF ROOFTOP GREENHOUSES FOR IMPROVING URBAN AIR QUALITY AND TEMPERATURE REGULATION</p>	<p align="center">Mihaela POPA, Valentina-Emilia BĂLAȘ</p>	<p align="center">Petroleum-Gas University of Ploiesti, Romania Aurel Vlaicu University of Arad, Romania Academy of Romanian Scientists</p>
<p align="center">AQUAPONICS AS AN INNOVATIVE TECHNOLOGY FOR SUSTAINABILITY AND ENVIRONMENTAL PROTECTION: CHALLENGES AND INDUSTRIAL SOLUTIONS</p>	<p align="center">Daniel Alexuță, Marius M. Bălaș</p>	<p align="center">Aurel Vlaicu University of Arad, Romania Petroleum-Gas University of Ploiesti, Romania</p>
<p align="center">ASSESSING THE LANDSCAPE OF HAZARDOUS CHEMICALS MANAGEMENT</p>	<p align="center">Dunja Istrat, Jelena Ćulibrk, Maja Petrović</p>	<p align="center">University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia</p>
<p align="center">NEOLIBERALISM AND CLIMATE CHANGE: TOWARDS A SUSTAINABLE ECONOMY THROUGH THE GREEN NEW DEAL</p>	<p align="center">Edi Daruși</p>	<p align="center">Tehnički fakultet “Mihajlo Pupin”, Zrenjanin, Serbia</p>
<p align="center">EXTENDING THE APPLICATION OF VR/AR TECHNOLOGY TO IMPROVE SAFETY TRAINING IN THE CRUDE OIL INDUSTRY</p>	<p align="center">Adrijana Babić, Zoran Čepić</p>	<p align="center">University of Novi Sad, Faculty of Technical Sciences, Department of Environmental Engineering and Occupational Safety and Health, Trg D. Obradovića 6, Novi Sad, Serbia</p>

<p>NEITHER ANTHROPOCENE NOR CAPITALOCENE - A PATH TOWARD AN ANTI-CAPITALIST ECOLOGY</p>	<p>Dejan Mihailović, Alexis Toribio Dantas</p>	<p>Tecnológico de Monterrey, Ciudad México, México Rio de Janeiro State University, Rio de Janeiro, Brasil</p>
<p>AQUAPONICS AS AN INNOVATIVE TECHNOLOGY FOR SUSTAINABILITY AND ENVIRONMENTAL PROTECTION: CHALLENGES AND INDUSTRIAL SOLUTIONS</p>	<p>Daniel Alexuță, Marius M. Bălaș</p>	<p>Aurel Vlaicu University of Arad, Romania Petroleum-Gas University of Ploiesti, Romania</p>
<p>Session 2. Environmental Management and Occupational Safety</p>		
<p>EU GREEN TRANSITION DOES NOT HAVE A PLANETARY APPROACH</p>	<p>Milan Ivanović</p>	<p>Panon, think tank for strategic studies, Osijek, Croatia</p>
<p>PSYCHOSOCIAL RISKS AND STRESS IN THE WORKPLACE</p>	<p>Dijana Vašaš Kuručev, Milica Bogdanov, Jasmina Poštin, Sanja Stankov, Milan Nikolić</p>	<p>University "Union – Nikola Tesla", Beograd, "Faculty of Management", Sremski Karlovci, Serbia University of Belgrade, Faculty of Philosophy, Belgrade, Serbia University of Novi Sad, Technical Faculty "Mihajlo Pupin," Zrenjanin, Serbia</p>
<p>THE IMPACT OF TRAINING AND EDUCATION ON REDUCING WORKPLACE INJURIES</p>	<p>Milica Bogdanov, Dijana Vašaš Kuručev, Jasmina Poštin, Sanja Stankov, Milan Nikolić</p>	<p>University of Belgrade, Faculty of Philosophy, Belgrade, Serbia University "Union – Nikola Tesla", Beograd, "Faculty of Management", Sremski Karlovci, Serbia University of Novi Sad, Technical Faculty "Mihajlo Pupin," Zrenjanin, Serbia</p>

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GREEN TECHNOLOGIES AND THEIR ROLE IN URBAN SUSTAINABILITY INITIATIVES	Mihalj Bakator, Luka Đorđević, Borivoj Novaković, Velibor Premčevski, Stefan Ugrinov	University of Novi Sad, Technical faculty "Mihajlo Pupin", Zrenjanin, Republic of Serbia
SUSTAINABILITY AS A CORE COMPONENT OF QUALITY STANDARDS IN MODERN BUSINESSES	Dragan Čočkalo, Mihalj Bakator, Milan Nikolić, Sanja Stanisavljev, Verica Gluvakov	University of Novi Sad, Technical faculty "Mihajlo Pupin", Zrenjanin, Republic of Serbia
ANALYSIS OF RISK ASSESSMENT CONDUCTED IN THE GARMENT INDUSTRY IN NORTH MACEDONIA	Monika Lutovska, Vladimir Mijakovski	Institution Faculty of Technical Sciences, "Mother Teresa" University, Skopje, MK Faculty of Technical Sciences, University „St. Kliment Ohridski”, Bitola, MK)
INTEGRATING LEAN PRINCIPLES WITH ENVIRONMENTAL SUSTAINABILITY FOR ENHANCED ECOLOGICAL PERFORMANCE	Jasmina Naerac, Nemanja Sremčev, Danijela Ćirić Lalić	University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia