

International Conference on Physical Aspects of Environment, ICPAE2023

Technical Faculty "Mihajlo Pupin" in Zrenjanin, University of Novi Sad, Serbia

FIRST DAY, August 24, 2023 (Thursday), Technical Faculty "Mihajlo Pupin", Room No. 35	
10.00-10.15	Opening of the Conference
Chairman – Marija Pešić	
10.15-10.35	Irena Zlatanovska, Trajče Stafilov, Robert Šajn, Bojana Dimovska, Snežana Dimovska, Jovan Janusheski, Lambe Barandovski , Terrestrial Radioactivity in The City of Bitola and Its Environs
10.35-10.45	Robert Repnik, Robert Sterkuš , Measuring Solar Irradiance with Vernier Pyranometer
10.45-10.55	Robert Sterkuš, Robert Repnik , Assessment of Experimental Skills and Physics Knowledge of Students at Measuring Albedo
10.55-11.05	Zoran Mijić, Slobodan Ničković, Luka Ilić, Slavko Petković, Goran Pejanović, Alfredo Huete , Recent Progress and New Approach in Airborne Sub-Pollen Particles Numerical Modelling
11.05-11.15	Discussion
11.15-11.30	Coffee Break
Chairman – Ljubiša Nešić	
11.30-11.40	Roohollah Bagherzadeh, Vasilije Petrovic, Dragan Djordjic, Anita Milosavljevic, Marija Petrovic, Predrag Pecev, Danka Djurdjic , Impact of Textile Industry on the Environment
11.40-11.50	Xu Ming, Dragan Djordjic, Vasilije Petrovic, Anita Milosavljevic, Marija Petrovic, Samir Pačavar , Methods of Textile Waste Recycling
11.50-12.00	Guoxiang Yuan, Marija Petrovic, Vasilije Petrovic, Dragan Djordjic, Anita Milosavljevic, Predrag Pecev , Eco-Textile and Redesing
12:00-12:10	Guoxiang Yuan, Xiaoyu Xu, Danka Djurdjic, Marija Petrovic, Vasilije Petrovic, Dragan Djordjic, Anita Milosavljevic , Incorporating Li Brocade Patterns in Clothing Design: Exploring Creative and Sustainable Approaches
12.10-12.20	Gebregziabher Kidus Tesfamariam, Anita Milosavljevic, Vasilije Petrovic, Darko Radovancevic, Dragan Đorđić, Predrag Pecev, Marija Petrovic , Environmental Aspects of Sustainable Fashion
12.20-12.30	Ana Gojic, Nadiia Bukhonka , Recycled Textile Fibers and Materials – Current State and Development Perspectives
12.30-12.40	Ineta Nemeša, Marija Pešić, Valentina Bozoki , Laser Parameters to Ensure Qualitative and Saved for Environment Denim Garment Finishing Process
12.40-12.50	Marija Pešić, Ineta Nemeša, Edit Csanak, Valentina Bozoki , Laser Application in Textile and Apparel Industry
12.50-13:00	Discussion
13:00-13.45	Pause
Chairman – Lambe Barandovski	
13.45-13.05	Slavoljub Mijovic , The Global Mean Temperature
13.05-14.15	Slavoljub Mijovic, Vladimir Petrovic , Modeling Impact of Pollution on The Concentration of Dissolved Oxygen in Moraca River

14.15-14.25	Mihailo Savić, Aleksandra Kolarski, Nikola Veselinović, Vladimir Srećković, Zoran Mijić, Aleksandar Dragić, Impacts of extreme space weather events: ionosphere and primary cosmic rays
14.25-14.35	Mladena Lukić, Dragana Markušev, Žarko Čojbašić, Dragan Markušev, Artificial Intelligence: Possible Application in Photoacoustics and Education
14.35-14.45	Vera Zoroska, Ljubcho Jovanov, Katerina Drogreshka, A Simple School Experimental Assessment to Get Familiarized with Air Pollution
14.45-14.55	Teodora Crvenkov, Milan Marković, Darko Radovančević, Building a Sustainable Future: Promoting Health and Resilience through Sustainable Health Systems
14.55-15.05	Milan Marković, Teodora Crvenkov, Dejan Bajić, Saša Jovanović, Darko Radovančević, Luka Đorđević, Borivoje Novaković, Jasna Tolmač, Ognjen Popović, The Impact of Oil Industry on the Environment: Challenges, Consequences, and Possible Steps towards a Sustainable Future
15.05-15.15	Discussion

SECOND DAY, August 25, 2023 (Friday), Technical Faculty "Mihajlo Pupin", Room No. 35	
Chairman – Đorđe Vučković	
09.00-09.20	Diana Mance, Andrea Makjanić, Estimation of Groundwater Mean Residence Time in Karst Aquifers
09.20-09.30	Saša Jovanović, Jasna Tolmač, Darko Radovančević, Milan Marković, Luka Đorđević, Ognjen Popović, Ljubiša Garić, Possible Impacts of Surface Limestone Mining on Environment Article
09.30-09.40	Jasna Tolmac, Slavica Prvulovic, Sasa Jovanovic, Milan Markovic, Darko Radovancevic, Influence of Dimensionless Physical Characteristics of Crude Oil on Flow Properties
09.40-09.50	Luka Djordjević, Slavica Prvulović, Mića Djurdjev, Borivoj Novaković, Saša Jovanović, Mihalj Bakator, Milan Marković, Renewable Energy Sources in Serbia - Electricity Production in the Period 2018-2022
09.50-10.00	Ognjen Popović, Saša Jovanović, Darko Radovančević, Milan Marković, Environmental Impact of Block Caving Mining Method
10.00-10.10	Stefan Ugrinov, Verica Gluvakov, Mila Kavalić, Sanja Stanisavljev, Dragana Kovač, Dejan Bajić, The Role of Green Human Resource Management in SMEs
10.10-10.20	Stefan Ugrinov, Verica Gluvakov, Mila Kavalić, Sanja Stanisavljev, Maja Gaborov, Dejan Bajić, Green Marketing: Navigating the Intersection of Business and Environmental Sustainability
10.20-10.30	Discussion
10.30-10.45	Coffee Break
Chairman – Saša Jovanović	
10.45-11.05	Abdulah Akšamović, Senad Odžak, Ajdin Fejzić, Measurement of the Diffuse Component of Solar Radiation
11.05-11.15	Iris Borjanović, Milica Rajačić, Ivana Vukanac, Winter Measurements of Radon Concentration at TCAS
11.15-11.25	Darko Radovančević, Iris Borjanović, Jasna Tolmac, Seasonal Measurements of Radon Concentration at the Technical Faculty "Mihajlo Pupin" Zrenjanin

11.25-11.35	Lidija Stamenković, Ivana Krulj, Ljiljana Đorđević, Tijana Milanović, Prediction of SO _x Emissions Using ANN
11.35-11.45	Darko Radovancevic, Ljubisa Nestic, Sasa Jovanovic, Anita Milosavljevic, Ognjen Popovic, Teodora Crvenkov, Correction of the Barometric Formula at Low Altitudes Due to a Non-Zero Temperature Gradient
11.45-11.55	Đorđe Vučković, Environmental Issues Hidden Beneath the Derivatives and Equations in High School Mathematics
11.55-12.05	Mattea Mačkić Jovanović, Marija Čargonja, Darko Mekterović, Elemental Analysis of Particulate Matter in The Vicinity of an Oil Refinery
12.05-12.15	Lazar Radenković, Ljubiša Nešić, Unveiling the Influence of CO ₂ on Global Warming: a Pedagogical Model
12.15-12.25	Dejan Bajić, Valentina Bozoki, Milan Marković, Verica Gluvakov, Stefan Ugrinov, The Oil and Gas Industry, Possible Solutions for a Sustainable Future
12.25-12.35	Dejan Bajić, Luka Đorđević, Valentina Bozoki, Stefan Ugrinov, Verica Gluvakov, Borivoj Novaković, Crude Oil Demand and the Challenges of Global Warming
12.35-12.45	Discussion
12.45-13.00	Closing of the Conference

THIRD DAY, August 26, 2023 (Saturday), Idvor	
10.00 -	Mihajlo Pupin Museum Complex in Idvor, Optional Tour