

Agenda

INFOTEH 2025 CONFERENCE

JAHORINA, BOSNIA AND HERCEGOVINA

Project title: Partnership for Promotion and Popularization of Electrical Mobility through Transformation and Modernization of WB HEIs Study Programs

Acronym: PELMOB

Work package	Title
WP8	Dissemination and Exploitation
TASK	Title
8.7	Promotion at scientific conferences
Work package	Title
WP1	Project management and coordination
TASK	Title
1.4	Regular SC and PMC meetings
Work package	Title
WP6	Quality Assurance and Monitoring
TASK	Title
6.2	Quality Assurance Committee (QAC) Meetings

Dates	19-21 March 2025 (Arrival date: 18 th March, Departure date: 22 nd March)
City	Jahorina, Bosnia and Hercegovina
Meeting venue	Rajska Dolina Hotel
Address	Miloša Crnjanskog 2, 71 423 Jahorina

Wednesday, 19th March 2025		
Venue: Hotel Rajska Dolina Address: Miloša Crnjanskog 2, 71 423 Jahorina https://maps.app.goo.gl/kek61LqYV8QwWqjX9		
10:00-10:30	PELMOB participants registration	
First Session - Opening		
10:30-11:00	Welcome speeches: Prof. Dr. Nebojsa Arsic, rector of UPKM, project coordinator, Prof. Dr. Srđan Lale --- UES coordinator	
Second Session INFOTEH 2025 Conference – Grand opening		
11:00 – 11:30	2025 24th International Symposium INFOTEH- JAHORINA -	Professor B. Popović; Professor S.Lubura UES- INFOTEH chairs
11:30 – 12:15	Electric Vehicles: A Sustainability Challenge and Opportunity – plenary talk https://infoteh.etf.ues.rs.ba/files/pred/ajanovic.pdf	Professor Amela Ajanovic, TU Wien, Institute of Energy Systems and Electrical Drives
12:15 – 13:00	Welcome cocktail	
Third Session Fifth Steering Committee (SC) Meeting		
13:00 – 13:10	Participants registration	
13:10 – 13:40	Overview of the deliverables realized and future tasks	Nebojsa Arsic, UPKM Aleksandra Petrovic, UPKM
13:40 – 14:00	Financial issues and financial monitoring of the project budget – discussion with the partners about actual topics in the third project year	Aleksandra Petrovic, UPKM
14:00 – 14:30	Fourth Risk monitoring document	Aleksandra Petrovic, UPKM
14:30 – 15:00	Discussion and Conclusion remarks	
15:00 – 16:00	Lunch	
15:30 – 18:30	Oral and poster sessions: 1. Universal modified n-diode solar cell models M. Calasan, M. Micev, M. Radulovic (UOM)	

	<p>2. Derating of dry power transformers in accordance with IEEE Std. C57.110 and EN 50541-2 M. Banjin, M. Ikić (UES); M. Milovanović, B. Perović (UPKM)</p> <p>3. A Multi-Objective Approach for Designing Passive Harmonic Filters in Unbalanced Distribution Systems M. Milovanovic, J. Radosavljević, B. Perovic, J. Vukašinović, A. Jovanović (UPKM); M. Banjanin (UES)</p> <p>4. Integration of Photovoltaic Systems into Smart Grids: Assessment of Impact on Grid Stability and Reliability S. Zeljkovic, V. Helac, S, Hanjalic (UNSA)</p> <p>5. Behaviour of Photovoltaic Power Plants in Low-Demand Power Systems V. Helać, A. Aksamovic, S. Grebovic, S. Konjicija (UNSA)</p> <p>6. Application of IT tools for environmental assessment and forecasts in road transportation J. Marjanovic, D. Gashi, A. Osmani (IBCM)</p>
20:00 – 22:00	Networking Dinner

Thursday, 20th March 2025		
<p>Venue: Hotel Rajaska Dolina Address: Miloša Crnjanskog 2, 71 423 Jahorina https://maps.app.goo.gl/kek61LqYV8QwWqIX9</p>		
Fourth Session PELMOB Session at INFOTEH 2025 Conference		
08:30 – 09:00	PELMOB participants registration	
09:00 – 11:30	<p>A Market Design for Democratic and Environmentally Benign Electricity Systems – invited talk https://infoteh.etf.ues.rs.ba/files/pred/haas.pdf</p>	<p>Professor Reinhard Haas, TU Wien, Energy Economics Group</p>
11:30 – 12:00	Coffee break	
12:00 – 14:00	<p>1. Probability-Based Electric Vehicle Selection Do Duc Trung , Nguyen Chi Bao, Hoang Xuan Thinh, Duong Van Duc, Hanoi University of Industry B. Dudić , Comenius University Bratislava</p>	<p>Authors of the scientific papers</p>

	<p>A. Ašonja, University Business Academy</p> <p>2. Spectrogram-Based Deep Learning for Partial Discharge Fault Type Detection in Covered Conductors: Leveraging ResNet50V2, Grad-CAM, and SHAP L. Klein, O. Kabot, T. Mimra, Z. Slanina - VSB – Technical University of Ostrava</p> <p>3. Comparison of Neural Network and System Identification approaches for battery modeling and State of Charge estimation N. Koledin, R. Caponetto, F. Sapuppo, Dipartimento di Ingegneria Università degli Studi di Messina Messina, S. Cvetičanin, N. Vukajlović, N. Petrović, Faculty of Technical Sciences Novi Sad</p>	
14:00 – 15:00	Lunch break	
Fifth session		
Fifth Project Management Committee (PMC) meeting		
15:00 – 15:10	Participant's registration	
15:10 – 15:40	Presentation of the Student internships realized	OE and LUT representatives
15:40 – 16:20	Overview of deliverables realized within WP5 and ongoing activities	AASKM representative
16:20 – 16:40	PELMOB Monography preparation	Aleksandra Petrovic, UPKM
16:40 – 17:00	Overview of deliverables realized within WP7 activities realisation	UPOLIS representative
17:00 – 17:30	Conclusion of the second day of the INFOTEH conference	All partners

Friday, 21st March 2025		
Venue: Hotel Rajska Dolina Address: Miloša Crnjanskog 2, 71 423 Jahorina https://maps.app.goo.gl/kek61LqYV8QwWqJX9		
Sixth Session		
Fifth Quality Assurance Committee		
09:30 – 10:00	PELMOB participants registration	
10:00 – 11:00	Presentation of the second annual Internal Quality report	LUT representatives
11:00 - 11:10	Discussion with the partners of the evaluation of the quality of the implemented EM curricula – winter semester	All partners, Aleksandra Petrovic, UPKM
11:11 - 11:30	Coffee break	
11:30 – 11:50	Discussion with the partners of the evaluation of the Green week events in 2025 year	All partners Aleksandra Petrovic, UPKM
11:50 – 12:00	Final discussion and conclusion of the meeting	All partners
Seventh Session		
Conference – virtual sessions of the conference		
12:00 – 14:00	Virtual session 3 or Virtual session 4 Novel Call Records Archiving Approach for High-speed Railway Lines in Serbia J. Vuleta-Radoičić, I. Kokić, B. Planić, S. Velimirović, I. Salom, Institute Mihajlo Pupin, University of Belgrade Development of a neural network model for forecasting energy consumption in energy management systems Ksenia Degtyareva, Reshetnev Siberian State University of Science and Technology Intelligent model for assessing the suitability of water based on its chemical and biological parameters Ksenia Degtyareva, Reshetnev Siberian State University of Science and Technology	All partners

	<p>Leveraging STEM Approaches in Extracurricular Robotics Activities to Enhance Digital Competencies in Informatics Education V. Voinohovska, University of Ruse V. Ancheva, Secondary school "Panayot Volov" Byala</p> <p>Design and Development of an Electronic System for Monitoring of Electrical and Thermal Characteristics of PV Modules N. Evstatieva, B. Evstatiev, University of Ruse "Angel Kanchev"</p> <p>Evaluating the Impact of AC-DC Converters in Extreme Fast Charging (XFC) Stations on Grid Quality M. Khalill, I. Abuishmais, Princess Sumaya University</p> <p>Multifunctional G2V Operation with Frequency-Adaptive Fundamental Active Current Estimation Algorithm A. Patel, A. Sant, Pandit Deendayal Energy University</p>	
14:00 – 15:00	Lunch break	All partners
15:00 – 17:00	<p>Virtual session 5 or Virtual session 6</p> <p>Maximum Torque Per Ampere Control of Brushless DC Motors with Misaligned Hall Sensors M. Phung, M. Hasman, Z. Feng, J. Jatskevich, University of British Columbia</p> <p>Research on the Energy Balance of Household Consumption during the Winter and Spring Months Tsvetozar Georgiev, Seher Kadirova, University of Ruse "Angel Kanchev"</p> <p>Assessment of Load and Wind Power Uncertainty Modeling on Power Flow Analysis for Distribution Systems Hakan Erkan, Faruk Ugranlı, İzmir Bakırçay University</p> <p>Strategic Energy Storage Allocation In Distribution Network For Energy Cost Reduction And Voltage Profile Improvement</p>	All partners

	<p>M. Šarić, J. Hivziefendić, T. Mustafić, International Burch University T. Konjić, University of Tuzla</p> <p>Leveraging a Specialized Screening System for Personalized Learning: A Statistical Evaluation of Student Performance Optimization P. Zlatarov, E. Ivanova, G. Ivanova, J. Doncheva, University of Ruse</p> <p>Students' Attitude towards the Use of AI in Higher Education M. Gorgorova, K. Yotov, S. Gaftandzhieva, E. Hadzhikolev, Plovdiv University Paisii Hilendarski</p>	
17:00 – 17:30	General discussion and closure of the meeting	All partners

Useful Information



CONFERENCE VENUE: HOTEL RAJSKA DOLINA



The Symposium takes place in Bosnia and Herzegovina, on the olympic mountain Jahorina, East Sarajevo, at the [Rajska Dolina Hotel](#). Hotel "Rajska Dolina" on the beautiful Jahorina mountain in the Republic of Srpska has existed for 100 years. Celebrating the century of its existence, the hotel was renovated and became one of the most luxurious hotels in the most visited winter resort in our country. Numerous details invoking the rich history and tradition are incorporated into the modern design of this 4* hotel. Today, "Rajska dolina" is a hotel with 94 accommodation units (92 rooms and two luxury suites), gym, playroom, fireplace room, modern conference room, hair salon and modern wellness center.

Accommodation for participants is provided at lower rates at the [Rajska Dolina Hotel and Rajska Dolina LUX Hotel](#). Prices per person/day are listed below.

Single-room Full Board	150,00 KM
Double-room Full Board	130,00 KM
Single-room Half Board	120,00 KM
Double-room Half Board	100,00 KM
Tourist tax with insurance	3,50 KM

Exchange ratio: 1 EUR = 1.95 KM

Participants are free to use other accommodation. More info is available at <http://www.jahorina.org>.



The Symposium venue is about 30 km away from Sarajevo and 15 km from Pale. For travel directions please click the links below:

- [Pale - Rajska Dolina Hotel, Jahorina](#)
- [East Sarajevo - Rajska Dolina Hotel, Jahorina](#)
- [International Airport Sarajevo - Rajska Dolina Hotel, Jahorina](#)
- [Sarajevo - Rajska Dolina Hotel, Jahorina](#)

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