



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	<u>Rajska Dolina Hotel</u>	
Address	Miloša Crnjanskog 2, 71 423 Jahorina	







Venue: Hotel Rajska DolinaAddress: Miloša Crnjanskog 2, 71 423 Jahorina https://maps.app.goo.gl/kek61LqYV8QwWqIX910:00-10:30PELMOB participants registrationFirst Session - Opening10:30-11:00Welcome speeches: Prof. Dr. Nebojsa Arsic, rector of UPKM, project coordinator, Prof. Dr. Srdan Lale UES coordinatorSecond Session10:30-11:00Prof. Dr. Srdan Lale UES coordinatorProf. Dr. Nebojsa Arsic, rector of UPKM, project coordinatorProf. Dr. Nebojsa Arsic, rector of UPKM, project coordinatorProf. Dr. Nebojsa Arsic, rector of UPKM10:30-11:30Prof. Dr. Srdan Lale UES coordinatorINFOTEH 2025 Conference - Grand openingProject: Professor S. Subbra UES- INFOTEH I chairsProf. Dr. Nebojsa Arsic, rector of UPKMAldORINA -Professor Amela Ajanovic, TU Wien, INFOTEH chairs11:30 - 11:30Protence - Crand openingOpport: Professor S. Subbra UES- INFOTEH chairs11:30 - 12:15Ifit Steering Committee (SC) MeetingJaistue of Energy Systems and Electrical Drives13:10 - 13:40Provice of the deliverables realized and future tasksNebojsa Arsic, UPKM Aleksnadra Petrovic, UPKM13:40 - 14:40Provice budget - discussion with the partners about actual topics in the third project year14:400 - 14:30 <th colspan="3">Wednesday, 19th March 2025</th>	Wednesday, 19th March 2025		
https://maps.app.goo.gl/kek61LqYV80wWqIX910:00-10:30PELMOB participants registratio			
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15:00 - 16:00Lunch0ral and poster sessions:15:30 - 18:301. Universal modified n-diode solar cell models	14:00 - 14:30	Fourth Risk monitoring document	Petrovic, UPKM
Oral and poster sessions:15:30 - 18:301. Universal modified n-diode solar cell models	14:30 - 15:00	Discussion and Conclusion remarks	All partners
15:30 – 18:30 1. Universal modified n-diode solar cell models	15:00 - 16:00	Lunch	
		Oral and poster sessions:	
M. Calasan, M. Micev, M. Radulovic (UOM)	15:30 - 18:30	1. Universal modified n-diode solar cell models	
		M. Calasan, M. Micev, M. Radulovic (UOM)	





	2. Derating of dry power transformers in accordance with IEEE Std. C57.110 and EN 50541-2
	M. Banjnin, M. Ikić (UES); M. Milovanović, B. Perović (UPKM)
	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)
	4. Integration of Photovoltaic Systems into Smart Grids: Assessment of Impact on Grid Stability and Reliability S. Zeljkovic, V. Helac, S, Hanjalic (UNSA)
	5. Behaviour of Photovoltaic Power Plants in Low-Demand Power Systems V. Helać, A. Aksamovic, S. Grebovic, S. Konjicija (UNSA)
	6. Application of IT tools for environmental assessment and forecasts in road transportation
	J. Marjanovic, D. Gashi, A. Osmani (IBCM)
20:00 - 22:00	Networking Dinner

	Thursday, 20 th March 2025		
Venue: Hotel Rajska Dolina			
	Address: Miloša Crnjanskog 2, 71 423 Jahorina		
	https://maps.app.goo.gl/kek61LqYV8QwWqJX9		
Fourth Session			
PELMOB Session at INFOTEH 2025 Conference			
08:30 - 09:00	PELMOB participants registration		
09:00 - 11:30	A Market Design for Democratic and Environmentally	Professor Reinhard	
	Benign Electricity Systems – invited talk	Haas, TU Wien,	
	https://infoteh.etf.ues.rs.ba/files/pred/haas.pdf	Energy Economics	
		Group	
11:30 - 12:00	Coffee break		
12:00 - 14:00	1. Probability-Based Electric Vehicle Selection		
	Do Duc Trung , Nguyen Chi Bao, Hoang Xuan Thinh,	Authors of the	
	Duong Van Duc, Hanoi University of Industry	scientific papers	
	B. Dudić , Comenius University Bratislava		





	A. Ašonja, University Business Academy	
	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	
	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 Universita degli Studi di Messina Messina,	
	S. Cvetićanin, N. Vukajlović, N. Petrović, Faculty of	
	Technical Sciences Novi Sad	
14:00 - 15:00	Lunch break	
	Fifth session	
	Fifth Project Management Committee (PMC) meet	ing
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	AASKM
	ongoing activities	representative
16:20 - 16:40	PELMOB Monography preparation	Aleksandra
		Petrovic, UPKM
16:40 - 17:00	Overview of deliverables realized within WP7	UPOLIS
	activities realisation	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	LUT	
	report	representatives	
11:00 - 11:10	Discussion with the partners of the evaluation of the	All partners,	
	quality of the implemented EM curricula – winter	Aleksandra	
	semester	Petrovic, UPKM	
11:11 - 11:30	Coffee break		
11:30 - 11:50	Discussion with the partners of the evaluation of the	All partners	
	Green week events in 2025 year	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	





	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	
	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"	
	Kanenev	
	Evaluating the Impact of AC-DC Converters in Extreme	
	Fast Charging (XFC) Stations on Grid Quality	
	M. Khalill, I. Abuishmais , Princess Sumaya University	
	Multifunctional G2V Operation with Frequency-	
	Adaptive Fundamental Active Current Estimation	
	Algorithm	
	A. Patel, A. Sant, Pandit Deendayal Energy University	
14:00 - 15:00	Lunch break	All partners
15:00 - 17:00	Virtual session 5 or Virtual session 6	
	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	
	Research on the Energy Balance of Household	
	Consumption during the Winter and Spring Months	
	Tsvetozar Georgiev, Seher Kadirova, University of Ruse	A 11 .
	"Angel Kanchev"	All partners
	Assessment of Load and Wind Power Uncertainty	
	Modeling on Power Flow Analysis for Distribution	
	Systems	
	Hakan Erkan, Faruk Ugranlı, İzmir Bakırçay University	
	Strategic Energy Storage Allocation In Distribution	
	Network For Energy Cost Reduction And Voltage	
4	Profile Improvement	





	 M. Šarić, J. Hivziefendić, T. Mustafić, International Burch University T. Konjić, University of Tuzla 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 Students' Attitude towards the Use of AI in Higher Education 	
	Education	
	M. Gorgorova, K. Yotov, S. Gaftandzhieva, E. Hadzhikolev, Plovdiv University Paisii Hilendarski	
17:00 - 17:30	General discussion and closure of the meeting	All partners



Call: ERASMUS-EDU-2022-CBHE-STRAND-2 Project Number: 101082860



OUseful Information



CONFERENCE VENUE: HOTEL RAJSKA DOLINA



The Symposium takes place in Bosnia and Herzegovina, on the olympic mountain Jahorina, East Sarajevo, at the <u>Rajska Dolina Hotel</u>. 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 <u>Rajska Dolina Hotel and Rajska Dolina</u> <u>LUX Hotel</u>. Prices per person/day are listed bellow.

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:

- <u>Pale Rajska Dolina Hotel, Jahorina</u>
- East Sarajevo Rajska Dolina Hotel, Jahorina
- International Airport Sarajevo Rajska Dolina Hotel, Jahorina
- <u>Sarajevo Rajska Dolina Hotel, Jahorina</u>

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