

Faculty of Computer Science, Information Technology and Energy
Institute of Industrial Electronics, Electrical Engineering and Power Engineering
14th International Doctoral School of Electrical Energy Conversion and Saving
Technologies

Friday May 30, 2025	
8:00 – 9:00	Transport from Riga, Kipsala, Azenes 12/1, in front of the main door of the Faculty of Power and Electrical Engineering
9:00 – 10:00	Registration / Accommodation / Coffee
Chair: Dr.habil.sc.ing., prof. Leonīds Ribickis	
10:00 – 10:15	Welcome Speech: Dr.sc.ing., professor Oskars Krievs
10:15 – 11:15	Invited speaker: Dr., prof. Carlos Roncero Clemente, Ekstremaduras University, "PWM Modular Universal Converter as Standard Solution for Hybrid dc/ac Microgrids and Nanogrids"
11:15– 12:15	Invited speaker: Ph. D. Indrek Roasto, "Project Based Teaching of Power Electronics" Tallinn Tehnologic University, Estonia
12:15 – 12:30	Coffee break
12:30 – 13:00	PhD student presentation session I: P. Maksimkins (presenter: A. Stupans) ("Report on scientific work in projects ECO2PORT, UDRON, PBL in Higher Education"); A. Stupans , ("Industrial robot control for sea buckthorn harvesting robot AgroBot")
13:00 – 14:00	Lunch
14:00 – 15:30	PhD Thesis defense: Aleksandr Bubovich , "Multilevel Converters for Battery Interfacing" (sc. advisor prof. I. Galkins, reviewers: Ph. D. Carlos Roncero-Clemente, Extremadura University, Spain; Ph. D. Indrek Roasto, Tallinn Technologic University, Estonia)
15:30 – 15:45	Coffee break
16:00-17:15	PhD student presentation session II: Hans Anniste (TalTech); K.Burcevs ; K.Gasperson; V.Beliaev; A.Pumpurs
17:15-18:30	Sport activities (sportswear is recommended)
19:00 – 21:00	Welcome Reception in RTU Sports Campus "Ronisi", Dinner
21:00	Social Activities
Saturday May 31, 2025	
9:00 – 10:00	Breakfast (Please, return the key of your room back to the registration office by 12:00 AM)
Chair: Dr.sc.ing., Oskars Krievs	
10:00 – 10:45	Invited speaker: Assoc.prof. Saeed Peyghami , "Reliability Evaluations in Power Electronics Systems from Device to System Level". Aalborg University , Denmark
10:45 – 11:45	Invited speaker: prof. Gatis Junghāns , "Balansing of Power System and Role of Battery Energy Storage System (BESS)" ("Energosistēmas balansēšana un elektroenerģijas bateriju uzkrāšanas sistēmu loma"), AS Augstsprieguma tīkls, RTU.
11:45 – 12:00	Coffee break/Discussions
12:00 – 13:30	PhD student presentation session III: Tuhin Mitra (TalTech); U.Grunde; E.Benosenko; R.Grants; S.Burtovojs
13:30 – 14:15	Lunch
14:15 – 15:00	Discussions / Awarding ceremony
15:00	Departure from Ronishi