

**12th International Doctoral School of Electrical Energy Conversion and Saving Technologies**

May 26, 2023	
Friday	
8:00 – 9:00	Transport from Riga, Ķīpsala, Āzenes 12/1, in front of the main door of the Faculty of Power and Electrical Engineering
9.00 – 10.00	Registration / Accommodation / Coffee
Morning session. Chair: Dr.habil, Professor Leonīds Ribickis	
10.00 – 10.05	Welcome Speech: Dr.habil., Professor Leonids Ribickis, director of Institute of Industrial Electronics and Electrical Engineering, Riga Technical University, Latvia
10.05 – 11:05	Invited speaker: Dr.sc.ing., prof., Subham Sahoo, Semantics-Aware Cybersecurity Diagnosis in Power Electronics, Alborg University
11:05 – 11:15	Coffee break
11:15 – 12:00	Invited speaker: Dr.sc.ing., assoc.prof., Dāvis Meike, Open DC grids for the factories of the future, Production Engineer at Mercedes-Benz AG asoc.prof. at Riga Technical University, IEEK asoc.prof. (on-line lecture)
12:00 – 12:30	Pre-def: Artūrs Bogdanovs, Research and Development of Auxiliary Converters for Application in Electric Vehicles, RTU
12:30 – 13:00	Pre-def : ABUALKASIM BAKEER “Fault-Tolerant Galvanically Isolated DC-DC Converters with Zero Redundancy”, TalTech
13:00 – 14:00	Lunch break
Afternoon session. Chair: Dr.sc.ing., Head of Laboratory, Ansis Avotiņš	
14:00 – 14:30	Pre-def : VADIM SIDOROV “Universal Galvanically Isolated DC-DC Converters with Topology Morphing Control”, TalTech
14:30 – 15:45	PhD student presentation session I: Vlads Vladinovskis, Saeed Rahimpour, Naser Hassanpour, Vsevolod Burenin, Ahmed Gamal Ezzeldin Mohamed Ibrahim Mowafy
15:45– 16:45	PhD student poster session I : Robin Koppe, Rolando Antonio Gilbert Zequera, Mahmoud Ibrahim, Mārtiņš Bisenieks, Igors Ušakovs
16:45 – 19:00	Sport activities (sportswear)
19:30 – 20:30	Welcome Reception in RTU Sports Campus “Ronisi” Dinner
21.00	Social Activities

May 27, 2023	
Saturday	
9:00 – 10:00	Breakfast (<i>Please, return the key of your room back to the registration office by 2:00 PM</i>)
Morning session. Chair: Dr.sc.ing., prof. Oskars Krievs	
10:00 – 10:05	Greeting Speech: Professor Oskars Krievs, Dean of the Faculty of Electrical Engineering and Environmental Sciences, Riga Technical University, Latvia
10:05 – 11:00	Invited speaker: M.Sc., Group Leader PGS Power Electronics and Electrical Drives., Katharina Hetzenecker, “Evaluation of Grid Designs for a MVDC Campus Grid”, RWTH Aachen
11:00 – 12:00	Invited speaker: M.Sc., Chief engineer, power electronics and electrical drives, Benedict Mortimer, “Large Scale Charging-Station Integration Enabled by Solid-State Transformer”, RWTH Aachen
12:00 – 12:15	Coffee break
12:15 - 13:00	Invited speaker: Leading project manager, Anna Stavicka, Pētījuma dizaina izstrāde, RTU Doctoral Students Department
13:00 – 14:00	Lunch break
Afternoon session. Chair: Dr.sc.ing., prof. Nadežda Kuņicina (<i>Please, return the key of your room back to the registration office by 2:00 PM</i>)	
14:00 – 15:00	PhD student poster session II: Pāvēls, Maksimkins, Andrejs Stupāns, Roberts Grants, Hossein Afshari, Hossein Nourollahi Hokmabad, Aleksandra Sidorova
15:00 – 16:00	Discussions / Awarding ceremony
16:00	Transport to Riga