

**Lecture sessions will held on Saturday 18 May 2024 in Kazimierz Dolny,
at the Lublin University of Technology Guest House, Kwaskowa Góra 2 str.**

Hour	Event
9.00- 10.20	Lecture session 1
9.00- 9.20	1. Luis Martinez, Current Control for Interleaved Boost Converter under CCM-DCM operation in a PV system Warsaw University of Technology
9.20- 9.40	2. Krzysztof Kalinowski, Power Flow Algorithm in the Fast EV Charging System with Energy Storage and Photovoltaics Warsaw University of Technology
9.40- 10.00	3. Mateusz Wasilewski, Pięciopoziomowy przekształtnik AC/DC współpracujący z siecią elektroenergetyczną, z ograniczoną liczbą czujników i predykcyjnym algorytmem minimalizacji CM Białystok University of Technology
10.00- 10.20	4. Alvaro Carreno, Control of a Hybrid Transformer to Improve the Power Quality in a Distribution Network Warsaw University of Technology
10.50 -11.50	Lecture session 2
10.50- 11.10	5. Krzysztof Kulikowski, Implementation of converter systems for aircraft Ground Power Units Białystok University of Technology
11.10- 11.30	6. Michał Harasimczuk, Medium Voltage Flying Capacitor DC/DC Converters with Zero Voltage Switching Białystok University of Technology
11.30- 11.50	7. Rafał Kopacz, Alternative common-leg coupled inductor configuration in a three-level interleaved dc-dc converter Warsaw University of Technology
12.20-13.20	Lecture session 3
12.20- 12.40	8. Bartłomiej Stefańczak, The influence of dynamic impedance of Li-Ion cells on current distribution in energy storage Lublin University of Technology
12.40- 13.00	9. Maciej Rudawski, Safe replacement of the electrochemical cells of a prosumer energy storage device in an emergency while maintaining its uninterrupted operation Lublin University of Technology
13.00- 13.20	10. Karol Fatyga, Modelling of a triple active bridge converter for a current pulsation compensatory application Lublin University of Technology