

Session Program

10-13 Sept 2024

Computational Problems of Electrical Engineering 2024

Session 2 - Circuits and Measurements

Holimo Hotel
Stara Morawa 11a, 57-550 Stronie Śląskie

Wednesday 11 September

14:30

Session 2 - Circuits and Measurements

Session | **Location:** Holimo Hotel, Stara Morawa 11a, 57-550 Stronie Śląskie | **Conveners:**
Jan Sroka, Oksana Hoholyuk

14:30-14:50

Basic study on improving accuracy in extraction of electromagnetic field waveforms by independent component analysis

Speaker

Prof. Shinobu Ishigami

14:50-15:10

Mathematical Model of a Compensated Asynchronous Motor as an Element of a Microgrid

Speaker

Oksana Hoholyuk

15:10-15:30

Characterization of Electromagnetic Fields in a GTEM Cell Using a KSQ1000 Comb Generator and Analysis of Comb Generator Technologies

Speaker

Robert Olczyk

15:30-15:50

Pushing the Limits Exploring the Dynamic Range in Shielding Effectiveness Measurements

Speaker

Mrs Karolina Małecka

15:50-16:10

AN APPROACH TO MEASUREMENTS OF CE OF POWER DRIVES

Speaker

Piotr Zych

16:10