Session Program

10–13 Sept 2023

Computational Problems of Electrical Engineering 2023

Computational Models of Electrical Systems

Monday 11 September

16:00

Computational Models of Electrical Systems: Computational Models of Electrical Systems (4)

Session | **Location:** Chłodna 16, 33-330 Grybów | **Convener:** Stanisław Osowski

16:00–16:20

Numerical Simulations of Static Magnetic Fields with Mu-metal Cage Shielding

Speaker

Prof. Ladislav Janousek

16:20–16:40

Improved model of rapid cooling in the process of laser or small-scale induction hardening

Speaker

Václav Kotlan

16:40–17:00

The Specific Absorption Rate of 10g and 1g methods comparison for a child and an adult in a shielded space of railway compartment

Speaker

Mariana Beňová

17:00–17:20 **Magnetic circuit of the electromagnetic flow meter**

Speaker

Pavel Karban

17:20

Wednesday 13 September

11:10

Computational Models of Electrical Systems: Computational Models of Electrical Systems (2)

Session | **Location:** Chłodna 16, 33-330 Grybów | **Convener:** Oksana Hoholyuk

11:10–11:30

On the Adequacy of Analysis of Linear Periodically Time-Variable Circuits by the Frequency Symbolic Method Using Matrix D-Trees

Speaker
Roman Romaniuk

11:30–11:50 **Correction factor in current pulse measurements**

Speaker
Jan Sroka

11:50