

Session Program

10-13 Sept 2024

**Computational Problems of Electrical
Engineering 2024**

Session 3 - Computer Models and Simulations

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

Wednesday 11 September

16:40

Session 3 - Computer Models and Simulations

Session | **Location:** Holimo Hotel, Stara Morawa 11a, 57-550 Stronie Śląskie | **Conveners:**
Václav Kotlan, Ladislav Janousek

16:40–17:00

Proposal of high attenuating external magnetic field chamber for biological experiment

Speaker

Ladislav Janousek

17:00–17:20

Operating conditions of periodic coil systems in the case of deformation of the magnetic layer

Speaker

Bogusław Butryło

17:20–17:40

TOPAS MC and Eclipse TPS Validation for Department of Clinical and Radiation Oncology, Faculty Hospital of Žilina

Speaker

Milan Smetana

17:40–18:00

Adaptive Finite Element Implementation in Julia

Speaker

Jacek Starzyński

18:00–18:20

Finite Element Method solver with 3D Brick Elements but without Matrix Assembly

Speaker

Dr Bartek Chaber

18:20