

AI

Electronics

THURSDAY'S
SESSIONS

4.00–6.00 PM

4.00–5.00 PM

Petr Svoboda

“What is better - radars, passive systems or hardening?” CZECH

A unique meeting with a direct participant and witness to the development of the famous Czechoslovak passive radars.

5.00–5.20 PM

Tibor Bachorec

SVS FEM

“Electromagnetic compatibility using numerical simulations” CZECH

Are you solving problems with the electromagnetic compatibility of your products? You don't just have to try endlessly, you can simulate it in advance with virtual numerical models.

5.20–5.40 PM

Tomáš Kašpar

SVS FEM

“Waveguide set from a 3D printer” CZECH

Do you need to measure the physical properties of materials at high frequencies? Get inspired by the 3D printing of a suitable waveguide measurement set and a verified calculation model for determining the complex permittivity of a material based on the principle of the reflection and transmission factor measurement method.

5.40–6.00 PM

Július Saitz

Ansys

“Motor-CAD Thermal export to Twin Builder” CZECH

Do you need to tune, optimize, in short, work in more detail with the parameters of the temperature model for electric motors? Take advantage of the new options for importing the temperature model from the Motor-CAD Thermal program into the Twin Builder environment.



FRIDAY'S
WORKSHOPS

9.00 AM – 1.15 PM

9.00–9.30 AM

Michal Klimeš

Aricoma

“Practical examples of AI use in industry” CZECH

9.30–10.00 AM

Petr Koňas

SVS FEM

“Examples of using AI for FEM calculators” CZECH

10.00–11.00 AM

Kevin Cremanns

PI Probaligence

“Universal Probabilistic Machine Learning for Engineering Task” ENGLISH

11.00–11.15 AM



11.15–11.45 AM

Tibor Bachorec

SVS FEM

“Simulation and Optimization of Stepper Motors for 3D Printing – Tips and Tricks for Effective 3D Modeling” CZECH

11.45–12.15 PM

Tibor Bachorec

SVS FEM

“Simulation of electromagnetic emissions of a three-phase converter” CZECH

12.15–12.45 PM

Tibor Bachorec

SVS FEM

“Numerical simulation and experimental verification of electrodynamic shielding of large objects – tips and tricks” CZECH

12.45–1.15 PM

Tibor Bachorec

SVS FEM

“Numerical simulation and experimental verification of electrodynamic shielding of large objects – tips and tricks” CZECH

1.15 PM



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