



Innovation And Efficiency Using Numerical Simulation In Electronics

TIMIȘOARA, Amfiteatrul K1

Centrul de Conferințe al Universității Politehnica Timișoara, Bulevardul Vasile Pârvan Nr. 2 B

AGENDA - Wednesday 10th of March, 2020

08:30–09:00	<i>Attendees registration</i>
09:00–09:10	Welcome address - Cristina OPREA, General Manager, TENSOR Liliana Mățiu-Iovan, UPT
09:10–09:20	ANSYS Software - Pervasive Engineering Simulation – Brief Overview Răzvan MAHU, Technical Manager, TENSOR
09:20–09:50	Wireless Power Transfer Julius SAITZ, Low Frequency specialist, ANSYS
09:50–10:10	ANSYS Low Frequency Products Update Julius SAITZ, Low Frequency specialist, ANSYS
10:10–10:45	Electric Motors – Multiphysics approach Julius SAITZ, Low Frequency specialist, ANSYS
10:45–11:15	<i>Coffee Break</i>
11:15–11:35	ANSYS SHERLOCK Reliability Physics/Physics of Failure (PoF)-based Electronics Design Software Răzvan MAHU, Technical Manager, TENSOR
11:35–12:00	ANSYS SHERLOCK – Live DEMO Răzvan PETRE, High Frequency AE, TENSOR
12:00–12:40	IC Design Flow Optimizations using Ansys HFSS and Redhawk INPHI (eSilicon) Bucharest
12:40–13:45	<i>Lunch and networking break</i>
13:45–14:15	Thermal Simulations – Case Study & Open Discussions Răzvan MAHU, Technical Manager, TENSOR Mariana Arsene, Electric Motors Specialist, UMEB
14:15–14:45	Transformers (Coils) for DC-DC Converters Julius SAITZ, Low Frequency specialist, ANSYS
14:45–15:00	Multiband PIFA Antenna Design Cora IFTODE, UPT
15:00–15:15	Signal & Power Integrity – Bridging the Academia & Industrial Environment Răzvan PETRE, High Frequency AE, TENSOR
15:15–15:45	<i>Coffee Break</i>
15:45–16:45	ANSYS High Frequency Products Update Răzvan PETRE, High Frequency AE, TENSOR
16:45–17:00	<i>Q&A, prizes awarding</i>