



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 - Tuesday 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, Universitatea Politehnica Timisoara
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 – Advanced Simulation Techniques and Multiphysics 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 Mariana Arsene, Electric Motors Specialist, UMEB & Răzvan MAHU, TENSOR
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, Universitatea Politehnica Timisoara
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>
15:45-16:00	ANSYS Low Frequency Applications – Wireless Charging & Circuit Design Lavinia BOBARU, Universitatea Politehnica din București
16:00-17:00	ANSYS High Frequency Products Update Răzvan PETRE, High Frequency AE, TENSOR
17:00-17:15	Q&A, prizes awarding