



High Performance Engineering Solutions 2019

23rd - 24th of May, Hotel Ana Sport, Poiana Braşov

Agenda

Day 1 Thursday, May 23th

09:00 – 09:30	Registration & Coffee
09:30 – 09:40	Welcome note Constantin Ciolofan – General Manager, INAS SA
09:40 – 10:00	INAS overview Ioana Tircomnicu-Unga – Sales Manager, INAS SA
10:00 – 10:45	ANSYS Corporate Overview Martin Mann – Channel Manager Eastern Europe, ANSYS Inc.
10:45 – 11:00	Coffee break
11:00 – 11:45	ANSYS Systems (digital twins, functional safety, embedded software simulation) Bruno Privat – Systems Business Unit, ANSYS Inc. Jair Gonzalez – Systems Business Unit, ANSYS Inc.
11:45 – 12:15	Digital Engineering Journey Robert Opletal – PTC
12:15 – 12:45	IoT and Simulation driven Design Sergey Butyaga – PTC
12:45 – 14:00	Lunch – Restaurant Altitude

	TISA 1	Sport 4 (Bentley)
14:00 – 14:45	The CADFEM ANSYS Extensions – Why customizing ANSYS Thomas Schneider – CADFEM Germany	Bentley Overview – OpenFlows CONNECT Edition WaterGEMS – SewerGEMS – FLOOD – OpenUtilities Hands-on Modeling Fundamentals; Building a Network with Fire Flows Importing Basic Model Data, Modeling Pumps, Tanks; (*Requires online registration for each solution; limited seats)
14:45 – 15:15	ANSYS CFD – live Sanjay Padhiar - FBU Technical Services, INAS SA	
15:15 – 15:25	Success Story Tiberiu Ciocan – Simulation Engineer R&D BU Mobile Fluid Systems, ContiTech	
15:25 – 15:45	How to manage product complexity in the electronic and electrical design process Michael Glees – Sales Manager Solutions Central Europe, Zuken GmbH	
15:45 – 16:00	Coffee break	
16:00 – 16:50	ANSYS Mechanical 2019 Update – Demo live Florian Vlădulescu – MBU Technical Services, INAS SA	Hands-on Automated Fire Flow Analysis; Criticality Analysis & Pressure Zone Manager; Analysis of Valving & Critical Segments; Extended Period Simulation; EPS Modeling and Energy Costing Analysis; Geospatial Data; ModelBuilder, Trex & LoadBuilder (*Requires online registration for each solution; limited seats)
16:50 – 17:00	Success Story Ciprian Serban – Design Engineer, Cameron Romania	
17:00 – 17:10	Success Story Simion Tataru – Manager, AEROSPACE CONSULTING	
19:30	2019HPES Dinner – TISA 1 + TISA 2	

Day 2 Friday, May 24th			
	TISA 1	Sport M1 + TISA 2	Sport 4 (Bentley)
09:15 – 10:00	ANSYS SpaceClaim DirectModeler updates live + Better design understanding using optiSLang live Razvan Stanca – MBU Technical Services, INAS SA	Hands-on ANSYS Mechanical / Discovery Live / Moldex3D / Vericut (*Requires online registration for each solution; limited seats)	Hands-on Sewer Modeling Theory; Extended Period Simulations; Catchment Hydrology; Constructing a Gravity Network; (*Requires online registration for each solution; limited seats)
10:00 – 10:10	Success Story Marius Diaconu – Senior Engineer, SC STABILUS SRL		
10:10 – 10:30	ANSYS Discovery Live: Real-Time Simulation Revolution – live Lucian Bodin – MBU Technical Services, INAS SA		Hands-on Geospatial Data Tools; Water Quality Analysis; Gravity and Pressure

10:30 – 11:00	Multiphysics simulation for PCB Designers – Challenges and Solutions Dirk Müller – President of FlowCAD Group, FlowCAD EDA-Software Vertriebs GmbH		(*Requires online registration for each solution; limited seats)
11:00 – 11:15	Coffee break		
11:15 – 11:45	ANSYS HFSS & Siwave - Simulation Tools that Ensure the Reliability of Electronics – live Camelia Stoica – EBU Technical Services, INAS SA		
11:45 – 12:00	Success Story Catalin Negrea – SI/PI & Thermal Management Lead Engineer, Continental Automotive Romania	Hands-on	Hands-on
12:00 – 12:20	Electronics Thermal Management using ANSYS Icepak 2019 R1 – live Lucian Bodin – MBU Technical Services, INAS SA	ANSYS Mechanical / Discovery Live / Moldex3D / Vericut (*Requires online registration for each solution; limited seats)	Designing a New System; CSO Analysis; Model Calibration (*Requires online registration for each solution; limited seats)
12:20 – 12:30	Success Story Robert Ungureanu – Mechanical Engineer, Continental Automotive Romania		
12:30 – 14:00	Lunch – Restaurant Altitude		
14:00 – 14:20	HPC Solutions Petrica Barbieru – General Manager, PRO SYS SRL		OpenFlows FLOOD – Flood Modelling Software – mitigating flood risks in urban, riverine and coastal systems
14:20 – 14:40	Creo 5.0 - Simulation Live Extension - explore in minutes the impact of design changes – live Sergey Butyaga – PTC		(*Requires online registration for each solution; limited seats)
14:40 – 14:50	Success Story Claudiu Cotovanu – Research & Development Manager, Nidec Industrial Automation	Hands-on	OpenCities Map Engineering-quality GIS and Mapping
14:50 – 15:20	Studio; the new User Interface in Moldex3D, features and functions Morgan Chang – Application Engineer at Moldex3D Europe, CoreTech System Co	ANSYS Mechanical / Discovery Live / Moldex3D / Vericut (*Requires online registration for each solution; limited seats)	(*Requires online registration for each solution; limited seats)
15:20 – 15:30	Success Story Mihai Stefan – Tool Design Leader Metaplast S.R.L.		OpenUtilities Utilities Network Design and GIS Software (*Requires online registration for each solution; limited seats)

15:30 – 15:45	Coffee break		
15:45 – 16:15	Topology Optimization Directly in Creo 5.0 – live Viorel Diorduc – CAD/CAM Technical Services, INAS SA	Hands-on ANSYS Mechanical / Discovery Live / Moldex3D / Vericut (*Requires online registration for each solution; limited seats)	Success Story
16:15 – 17:00	ANSYS Additive Manufacturing Florian Vlădulescu – MBU Technical Services, INAS SA		
17:00 – 17:10	Success Story Seismic Energy Dissipative Columns Mircea Venghiuc – Lead Engineer Dr., Faculty of Civil Engineering and Building Services "Gheorghe Asachi" Technical University of IASI		
17:10 – 17:30	Awards & Wrap-up		