

Agenda Regional User Meeting - EuroCentral Day 2 - May 4th			
Time (EST)	Plenary		
8:30 AM	Registration open 60 minutes		
9:30 AM	Cloud Offering – <i>Louis VALLANCE, Dassault Systèmes</i>		
10:00 AM	Keynote: ECO-Caverns™ : Standardised underground spaces for a sustainable industrial development – <i>Benoît COUSIN, ECCUS SA</i>		
10:30 AM	Keynote: Multidisciplinary Simulation in the 3DEXPERIENCE Platform – <i>Daniel VALLICOTTI, CENIT AG</i>		
11:00 AM Coffee Break 30 minutes			
	Track 1	Track 2	Track 3
	MBS & Structure: Solver & Materials, Fatigue	EMAG: Signal Integrity	Structure: Simulation on 3DEXPERIENCE
11:30 AM	Multiphysik NVH Workflow – <i>Yi ZHOU, Dassault Systèmes</i>	100Base-T1 Ethernet: 3D Simulation and Layout Optimization Tips and Tricks – <i>Stiliyan FILIPOV, Visteon</i>	Accelerating Additive Manufacturing Through Simulation – <i>Steven RIBEIRO-AYEH, Dassault Systèmes</i>
11:55 AM	Message Analyser: a tool for resolving problematic convergence of complex non-linear ABAQUS implicit/explicit analyses – <i>Frantisek SIEGL, IDIADA CZ a.s.</i>	LPDDR Wizard Feedback and Future wishes – <i>Julnar MUSMAR, Continental Automotive GmbH</i>	Plastic mold injection simulation with SIMULIA – <i>Kai SCHEIBA, Dassault Systèmes</i>
12:20 PM	A micromechanical based fracture model and a strain-controlled fatigue life for development of metallic alloys under cycling over loading. Experimental and numerical investigation in ABAQUS and FE-SAFE – <i>Sirus RAFIEE, Waldaschaff Automotive GmbH</i>	Modeling the Impact of BGA-Sockets on Signal Integrity in High-Speed Testing of Memory Components with the help of CST-Studio Full Field EM Simulations – <i>David RIEHL, TU Darmstadt - IES</i>	Defect prediction in metal solidification analyses – <i>Steven RIBEIRO-AYEH, Dassault Systèmes</i>
12:45 PM Lunch Break 60 minutes			
	Structure: Life Science	EMAG: Signal Integrity & ADAS	MBS: Wind Turbines
1:45 PM	Virtual Validation of Wheelchair Design Interventions – <i>Alexander SIEFERT, Simusev GmbH</i>	Understanding EMC Test Setup Resonances using Simulations – <i>Kalivaraprasad REDDY, Continental Automotive Singapore Pte Ltd</i>	Simulation of Loads in the Drive Train of Wind Turbines Using Simpack – <i>Thomas ROSENLOCHER, TU Dresden</i>
2:10 PM	First Experiences with Abaqus Knee Simulation - Potentials for Future Developments – <i>Andreas KAPSHAMMER, Prof. Zoltan MAJOR, Johannes Kepler Universität Linz - IPPE</i>	ADAS/AD Radar Sensor Design, Placement and Validation – <i>Jan EICHLER, Dassault Systèmes</i>	Aerodynamics and Aeroacoustics of Ducted Wind Turbines for Urban Environments – <i>Francesco AVALLONE, Faculty of Aerospace Engineering, Delft University of Technology</i>
2:35 PM	Simulation of the Initial Phase of Orthodontic Tooth Movement using Abaqus Unified FEA: A Poro-Visco-Hyperelastic Model of the Periodontal Ligament – <i>Albert KAISER</i>	Measurement and Simulation of Microwave Substrate Dielectric Properties Using CST – <i>Milan KVICERA, VALEO Autoklimatizace k.s.</i>	A Simpack-Based Digital Twin of Wind Turbine Drivetrains and its Applications – <i>Stefan HAUPTMANN, Mesh Engineering GmbH</i>
3:00 PM Coffee Break 30 minutes			
	Structure: Molding	EMAG: Life Science	MBS: Drive Train
3:30 PM	Simulation of shrinkage and warpage of extrusion blow molded parts using the ABAQUS Parallel Rheological Framework (PRF) model – <i>Patrick MICHELS, Hochschule Bonn-Rhein-Sieg</i>	RF-Shield Design for MRI-Antenna – <i>Daniel DURST, Siemens Healthcare GmbH</i>	Optimizing the Acoustic Behavior of Drive Train Systems using Multibody Simulation and Numerical Transfer Path Analysis – <i>Stefan WISCHMANN, MSE - Institute for Machine Elements and System Engineering, RWTH AACHEN University</i>
3:55 PM	Mesh based shape optimization of blow molded parts using a shape vector approach and the EGO-algorithm – <i>Alexander BUSCH, Dr. Reinhold Hagen Stiftung</i>	An overview of the Electromagnetic Field Simulations for Occupational Safety and Health – <i>Werner GROMMES, DGUV/IFA</i>	MBS in the development stages of precision servo-planetary gears – <i>Prateek CHAVAN, SEW-Eurodrive GmbH & Co. KG</i>
4:20 PM	Predict core failure in injection molds by considering the transient melt pressure in the structural simulation – <i>Sascha PAZOUR, PART Engineering GmbH</i>	Electromagnetic Compatibility and Hearing Aids – <i>Thomas Fischer, WSAudiology</i>	
4:45 PM Mini Break 10 minutes			
Plenary			
4:55 PM	SIMULIA Techology Update & Highlights – <i>Florian JURECKA, Dassault Systèmes</i>		
	Track 1	Track 2	Track 3
	Structure	EMAG	MBS
5:30 PM	R&D Outlook: Structural Mechanics, Tosca – <i>Chris WHITING, Peter ALLINGER, Dassault Systèmes</i>	R&D Outlook: Electromagnetics – <i>Peter HAMMES, Dassault Systèmes</i>	R&D Outlook: MBS – <i>Wolfgang TRAUTENBERG, Dassault Systèmes</i>
6:00 PM	Discussion – <i>Chris WHITING, Peter ALLINGER, Dassault Systèmes</i>	Discussion: Electromagnetics – <i>Peter HAMMES, Dassault Systèmes</i>	Discussion – <i>Wolfgang TRAUTENBERG, Dassault Systèmes</i>
7:00 PM Evening Event			