

Agenda Regional User Meeting - EuroCentral 2026   Day 1 - June 16th   Dassault Systems Office Darmstadt					
Advanced Seminars					
Time (EST)					
Track 1 - Maxwell		Track 2 - Ampere	Track 3 - Ohm	Track 4 - Thorna	
<b>EMAG</b> EMC virtual reverberation chamber workflow <i>Djamel GUEZGOUZ</i>   Dassault Systèmes <b>CST Studio Interference Task</b> <i>Tobias BERNARDING</i>   Dassault Systèmes		<b>Structures</b> Becoming familiar with Abaqus solvers and to gain the latest performance kicks <i>Christian FELL</i>   Dassault Systèmes	<b>MBS</b> Drivetrain model setup & EHD <i>Gerrit NOWALD</i>   Dassault Systèmes	<b>Fluids</b> PowerFLOW native thermal solver & Multi-species and multi-phase PowerFLOW simulations <i>Christian LANGE &amp; Svetlana JERONIMO</i>   Dassault Systèmes	
<b>3:00 PM Break   30 minutes</b>					
<b>E-Machine Simulation with Manatee</b> <i>Yi ZHOU, Dassault Systèmes</i> <b>Python automatic template-based post-processing</b> <i>Rene FIEDLER</i>   Dassault Systèmes		<b>Advanced plastic injection molding on 3DEXPERIENCE platform</b> <i>Kai SCHEIBA</i>   Dassault Systèmes	<b>e-Drive &amp; Scripting</b> <i>Emmanuel Manu DABANKAH</i>   Dassault Systèmes	<b>Process automation for aerodynamics and aeroacoustic workflows on 3DEXPERIENCE cloud &amp; Multiphysics applications</b> <i>Carlo PERUGINI &amp; Faron HESSE</i>   Dassault Systèmes	
<b>5:00 PM Evening Networking Reception – Come Together Day 1</b>					

Agenda Regional User Meeting - EuroCentral   Day 2 - June 17th   Darmstadtium						
Time (EST)						
8:00 AM Registration open   60 minutes						
Plenary - Spectrum A						
9:00 AM <b>Welcome &amp; Introduction</b> <i>Christian BARTHEL &amp; Jonas ITTL</i>   Dassault Systèmes						
9:15 AM <b>MODSIM and the Future of Industrialized AI</b> <i>Michelle ASH &amp; Olivier SAPPIN</i>   Dassault Systèmes						
10:00 AM <b>Customer Keynote - Automated Simulation-Driven Concept Design: A Paradigm Shift</b> demonstrated using the BMW iX3 Center Console Design <i>Christian VOGL</i>   BMW Group & <i>Jörgen HILMANN</i>   Dassault Systèmes						
<b>10:30 AM Break   30 minutes</b>						
Plenary - Ferrum						
11:00 AM <b>SIMULIA Brand Welcome</b> <i>Christian BARTHEL &amp; Matthieu PLAGNARD</i>   Dassault Systèmes						
11:15 AM <b>SIMULIA Brand Insights</b> <i>Sebastien GAUTIER</i>   Dassault Systèmes						
11:45 AM <b>Customer Keynote - Modelling and Simulation at Henkel Consumer Brands Packaging</b> <i>Harsha SINGANAMALLA</i>   Henkel AG & Co. Kga						
<b>12:15 PM Lunch   1 hour 15 (45 minutes for Radon)</b>						
Track CATIA & SIMULIA - Radon		Track 1 - Ferrum	Track 2 - Chromium	Track 3 - Vanadium	Track 4 - Titanium	Track 5 - Aurum
<b>MODSIM</b>		<b>Structures - Bolts &amp; Connectors</b>	<b>EMAG - EMC 1</b>	<b>Multibody System Simulation</b>	<b>Fluid Dynamics</b>	<b>EMAG - Multiphysics</b>
1:00 PM <b>Generative Design &amp; Lattice Design</b> <i>Kevin SUDRADJAT &amp; Michel KRAUSE</i>   Dassault Systèmes		<b>Break</b>	<b>Break</b>	<b>Break</b>	<b>Break</b>	<b>Break</b>
1:30 PM <b>MODSIM Workflows for Electric Machines: Integrated Strength and NVH Simulation using the 3DEXPERIENCE Platform</b> <i>Johannes KREMHELLER</i>   BMW Group & <i>Istvan SOMOGYVARI</i>   Dassault Systèmes		<b>Virtual Variant Approval of Connectors</b> <i>Lars WATTENBERG</i>   PHOENIX CONTACT GmbH & Co. KG	<b>Enhancement of 3D model fidelity using micro-CT scans</b> <i>Vratislav SOKOL</i>   Rohde & Schwarz	<b>Virtual Twin Experience of an Athlete and his Hand-Bike</b> <i>Valentin KEPPLER</i>   CCS-Service GmbH/Biomotion Solutions	<b>Aeroacoustic Simulation of a Side Window Wind Deflector on a Heavy-Duty Vehicle</b> <i>Marc HEHNER</i>   Daimler Truck AG	<b>Accelerating HV Connector Development: Thermal Simulation of the HPS40-2</b> <i>Antoine VAN PEER</i>   Hirschmann Automotive GmbH
2:00 PM <b>Truck Air Duct Development – 3DEXPERIENCE MODSIM philosophy</b> <i>Filip ZATLOUKAL &amp; Martin KOPRIVA</i>   Mann + Hummel Service s. r. o.		<b>MagicBOLT – Seamless FEM Bolt Modelling and Evaluation</b> <i>Rüdiger FICHTENAU</i>   DI - Die Ingenieure GmbH	<b>3D modeling of inductive components</b> <i>Yukinobu MASUDA</i>   Murata Electronics Europe	<b>Vibro-Acoustic Noise Reduction in Wind Turbines</b> <i>Steve MULSKI</i>   Dassault Systèmes	<b>Update on machine learning applied to our fluids solutions</b> <i>John HIGGINS</i>   Dassault Systèmes	<b>Implications on permitted RF power in UHF MRI under consideration of the extremities</b> <i>Franziska MASUCH</i>   DFKZ Heidelberg
<b>2:30 PM Break   45 minutes</b>						
Track CATIA & SIMULIA - Radon		Track 1 - Ferrum	Track 2 - Chromium	Track 3 - Vanadium	Track 4 - Titanium	Track 5 - Aurum
<b>MODSIM</b>		<b>Structures - Automotive</b>	<b>EMAG - EMC 2</b>	<b>Multibody System Simulation</b>	<b>Fluid Dynamics</b>	<b>EMAG - Antenna</b>
3:15 PM <b>Concept Structure Engineering</b> <i>Stefan MERTZ, Jens MENZEN &amp; Istvan SOMOGYVARI</i>   Dassault Systèmes		<b>I't Based Electro Thermal Assessment of an Automotive High Voltage Connector</b> <i>Dominik KAWALEC</i>   Aptiv Services Poland S.A.	<b>EMC Immunity Analysis in Automotive IC System Design through Statistical Classification</b> <i>Simon PROFANTER</i>   Graz University of Technology	<b>Update MBS R&amp;D</b> <i>Wolfgang TRAUTENBERG &amp; Govind MOHAN</i>   Dassault Systèmes	<b>Parametric Flow Optimization on the 3DEXPERIENCE Platform</b> <i>Wladyslaw HAMIGA</i>   Solidexpert	<b>Design and Fabrication of a Compact In-Phase Elliptical Waveguide Divider Optimized for 3D Printing</b> <i>Frederike BARTELS</i>   TU Hamburg
3:45 PM <b>MODSIM based design exploration for multidisciplinary grab handle development</b> <i>Alexander RAGER</i>   BMW Group & <i>Jens MENZEN</i>   Dassault Systèmes		<b>A Non-Standard FEA Framework for Multi-Load Test Scenarios: Application to an Automotive Fan System</b> <i>Maciej MAJRCZAK</i>   Valeo	<b>Comparison of Stripline Configurations for component level EMC Emission Measure-ments: Impedance Matching, Loss Mechanisms and Practical Considerations</b> <i>David SZERENCSES</i>   thyssenkrupp Components Technology H Kft.	<b>Integrated Vehicle Dynamics: Unlocking Potential through Cross-System Simulation</b> <i>Alexander POPPITZ</i>   IAV GmbH	<b>Optimizing Flow Splitters with Flow-Driven Generative Design</b> <i>Raphael SÄCKL</i>   Technia	<b>Design and Integration of a Generic Dual-Band WiFi Antenna for Solder-In Modules in Home Appliance</b> <i>Ibrahim ELABYAD</i>   BSH Hausgeräte GmbH
4:15 PM <b>Reinforced Concrete Modelling using the 3DEXPERIENCE Platform</b> <i>Felix ERNESTI</i>   TECHNIA GmbH		<b>From Insertion Force to Operating Force: Nonlinear Finite Element Analysis of Lever Assisted Automotive Connectors</b> <i>Bruno BARTH</i>   Aptiv Services Deutschland GmbH	<b>Shielding effectiveness simulation of a metal housing</b> <i>Rajeev MALHOTRA</i>   Diehl Aerospace GmbH	<b>Motion Designer</b> <i>Peter TIMM &amp; Marcel BAUER</i>   Dassault Systèmes	<b>Update Fluids R&amp;D</b> <i>Saif HASNAIN</i>   Dassault Systèmes	<b>Cloud-HPC Digital Twin Simulation of 4G/5G Penetration Through Low-E Train Glazing</b> <i>Juha LILJA</i>   Stealthcase Oy
<b>4:45 PM Break   15 minutes - Move to Ferrum</b>						
Plenary Ferrum						
5:00 PM <b>Customer Keynote – Numerical Simulation Approaches for Medium Voltage Switchgear: Short-Circuit and Internal Arc Performance</b> <i>Pawel BAJERSKI</i>   ABB Sp. z o.o.						
5:30 PM <b>Customer Keynote – Virtual Validation of Electric Machines Using 3DEXPERIENCE and MODISM – From Data Consistency to Scalable Simulation Workflows</b> <i>Oliver HOFMANN &amp; Timo SCHMIDT</i>   BMW Group						
6:00 PM <b>SIMULIA – Champions honouring</b>						
<b>6:15 PM Evening Networking Reception – Come Together Day 2</b>						

Agenda Regional User Meeting - EuroCentral   Day 3 - June 18th   Darmstadtium						
Time (EST)						
8:00 AM Registration open   30 minutes						
Track CATIA & SIMULIA - Radon		Track 1 - Aurum	Track 2 - Chromium	Track 3 - Vanadium	Track 4 - Titanium	Track 5 - Argentum
<b>MODSIM</b>		<b>Structures - Solver &amp; CAE</b>	<b>EMAG - General</b>	<b>Structures - NVH &amp; Fatigue</b>	<b>Structures - Fracture I</b>	<b>EMAG - EMC/EDA</b>
8:30 AM <b>MODSIM in Core mechanical engineering</b> <i>Joe AMODEO</i>   Dassault Systèmes		<b>Update Structures R&amp;D</b> <i>Chris WOHLEVER</i>   Dassault Systèmes	<b>3D EM Co-Simulation for RF Immunity Prediction in ASIC Sensors up to 8 GHz</b> <i>Suresh Kumar YENUMULA</i>   ams-OSRAM GmbH	<b>Finite Element Based Validation of Printed Circuit Board Assemblies for Vibrational Loads</b> <i>Walter HINTERBERGER</i>   Engineering Center Steyr GmbH	<b>Brittle Fracture Safety Assessment of a Nuclear Reactor Pressure Vessel based on Numerical Fracture Mechanics</b> <i>Florian OBERMEIER</i>   Framatome GmbH	<b>EDA: SI and PI on high density multilayer PCBs with CST Studio PCBs</b> <i>Hendrik SACHSE</i>   Diehl Aerospace GmbH
9:00 AM <b>From parametric cushion model to digital twin</b> <i>Johannes PFEIFFER</i>   Joyson Safety Systems Aschaffenburg GmbH		<b>Rule-Based Selections in Abaqus/CAE – A Smarter Approach to Geometry Selection</b> <i>Markus WINKLBERGER</i>   Robert Bosch AG & <i>Kai SCHEIBA</i>   Dassault Systèmes	<b>Virtual Twins in Automotive EMC</b> <i>Peter BIRKEFELD</i>   ZF Active Safety GmbH	<b>Parametric Fatigue Optimization of Bicycle Components with MODSIM Workflows</b> <i>Aniket BADGUJAR</i>   systemworx AG	<b>Predicting Crack Initiation in Advanced Gas-Cooled Reactor (AGR) Graphite Cores Using a Large-Scale Contact FE Model</b> <i>Raheel SHAIKH</i>   Amentum	<b>A "story" of LPDDR5 simulation</b> <i>Stefanie SCHATT</i>   Aumovio Germany GmbH
9:30 AM <b>Empowering Engineers: Streamlined, Simulation-Driven Battery Cell Housing Design on the 3DEXPERIENCE Platform at BMW</b> <i>Philipp HARTL</i>   BMW Group		<b>Advanced Applications in Abaqus/ Explicit with Smoothed Particle Hydrodynamics and Coupled Euler Lagrangian</b> <i>Rainer OHLMS &amp; Thomas THIEL</i>   Bechtel PLM Deutschland GmbH	<b>Update EMAG R&amp;D</b> <i>Leonardo SASSI</i>   Dassault Systèmes	<b>Integration of Preload-Dependent Nonlinear Elastomer and Bearing Transfer Functions into Frequency-Based Substructuring for Improved NVH Prediction of a Hybrid Drivetrain</b> <i>Sebastian Bahr</i>   MSE - RWTH Aachen	<b>Multiscale Simulation of Crack Propagation in Injection-Moulded Composites</b> <i>Vikash RAJENDRAN</i>   Polymer Competence Center Leoben	<b>Time-Domain Eye Construction for MIPI C-PHY using Full-Wave Electromagnetic Modeling</b> <i>Julnar M. SOLIS</i>   Aumovio Germany GmbH
<b>10:00 AM Break   30 minutes</b>						
Track CATIA & SIMULIA - Radon		Track 1 - Aurum	Track 2 - Chromium	Track 3 - Vanadium	Track 4 - Titanium	Track 5 - Argentum
<b>MODSIM</b>		<b>Structures - Material</b>	<b>EMAG - Antenna</b>	<b>Structures - Optimization</b>	<b>Structures - Fracture II</b>	<b>EMAG</b>
10:30 AM <b>Stamping Die Engineering</b> <i>Antonio SCARCELLI &amp; Jean Luis DUVAL</i>   Dassault Systèmes		<b>From FEM Simulation to AI modeling : A Data-Driven Digital Twin for High-Precision Glass Optics Manufacturing</b> <i>Hamidreza PARIA</i>   Fraunhofer IPT	<b>Optical simulations of metasurfaces supporting photonic bound states in the continuum</b> <i>Michael HIRLER</i>   LMU Munich	<b>Update optimization R&amp;D</b> <i>Andras LASZLOFFY</i>   Dassault Systèmes	<b>Microscale Modelling of Paper Hydroexpansion for Packaging Applications</b> <i>Luis CANAL</i>   Nestlé Institute of Packaging Sciences	<b>EMAG on HPC and DS Cloud: Infrastructure, Licensing &amp; Performance</b> <i>Karthikeyan SUKUMAR</i>   Dassault Systèmes
11:00 AM <b>Stamping Die Engineering - Part 2</b> <i>Antonio SCARCELLI &amp; Jean Luis DUVAL</i>   Dassault Systèmes		<b>Simulations of beech wood disintegration</b> <i>František ŠEBEK</i>   Brno University of Technology	<b>From Analytical Pre-Design to Full-Scale 3D Analysis of Aerospace Radomes: Validating Transmission Line Approaches via Floquet Port Unit Cell Modeling in CST Studio Suite</b> <i>Sebastian SCHEITLER</i>   Airbus Defence and Space GmbH	<b>Simulation-Driven Design with an experimental material model of a Natural-Fibre Composite Bicycle Frame</b> <i>Tim ISSELSTEIN</i>   Hochschule Trier	<b>Domain-Independent J-Integral Evaluation for Thermomechanical Loading: Beyond Standard FEA Limitations</b> <i>Nikolaus BECHLER</i>   CENIT AG	<b>Python-Based Hardware Performance Evaluation for Simulia CST Studio Suite</b> <i>Frank DEMMING-JANSSEN, Felix WINTERGERST</i>   Simuseriv GmbH
11:30 AM <b>Digital Continuity at Scale in Airbus Helicopters: 3DEXPERIENCE as collaborative platform to enable transformation of simulation metiers</b> <i>Gwénaél NEVEU</i>   Airbus Helicopters		<b>Hyperelastic Stability - What does ABAQUS do and what does it mean?</b> <i>Herbert BAASER</i>   TH Bingen	<b>Simulation of optical absorption in nanoporous gold: the role of dangling-ligament resonances</b> <i>Salman WAHIDI</i>   TU-Hamburg	<b>Numerical investigations on the optimization of surface compaction using a vibratory rammer</b> <i>Florian NIEBL</i>   TU München	<b>A validation of a post-consumer recycled PC-ABS material with triaxial failure criterion for a middle arm rest</b> <i>Frank SCHÜSSLER</i>   LG Chem Europe GmbH	<b>Uncertainty Quantification for Virtual BCI Testing: A CST-Based Workflow for Robust Sensor EMC Design</b> <i>Yvonne SPAECK-LEIGSNERING</i>   Robert Bosch GmbH
<b>12:00 PM Lunch   1 hour 30 minutes</b>						
Track CATIA & SIMULIA - Radon		Plenary - Titanium 3				
1:30 PM		<b>Poster Honouring</b>				
1:45 PM		<b>Customer Keynote – EMC Simulation of Electric Drive Units: A MODSIM Perspective from BMW</b> <i>Jan BIERMANN</i>   BMW				
2:15 PM		<b>Customer Keynote – Comprehensive Modeling and Simulation of Packaging Systems Including Materials, Converting Process and Filling Machine Using Abaqus: Numerical and Experimental Investigation</b>				
2:45 PM		<b>SIMULIA AI/ML TBD</b>   Dassault Systèmes				
3:15 PM		<b>Closing</b>				
<b>3:30 PM END</b>						