

Plenary

Welcome & Introduction

Indro MONTI, Dassault Systèmes

SIMULIA Brand Insights 2026

Sebastien GAUTIER, Dassault Systèmes

MODSIM (+AI) – Enabling Transformation from Sequential to Concurrent Engineering

Francesco POLIDORO, Dassault Systèmes

Multiphysics Simulation of Aircraft Radome

Speaker details TBA

Customer Talks & Technical Workshops | Parallel Breakout Sessions

Structures Track 1	Electromagnetics Track 2	Fluids Track 3	Motion/MBS: Rail Vehicle Dynamics Track 4
Set Up of a Dynamic Implicit Analysis for Operational Shock Requirements on an Elastomeric Bearing <i>Speaker details TBA</i>	Indirect Effect of Lightning Modeling of Production Rotorcraft: CAD, Materials, Harness Modeling for the Estimation of Actual Transient Level on Cable Bundles <i>Speaker details TBA</i>	Aeroacoustics analysis of Strut-Braced Wings <i>Emanuele STICCHI, Delft University of Technology</i>	Multibody Technology Update and R&D Roadmap <i>Remi ALLIOT, Dassault Systèmes</i>
Simulation-Driven Manufacturing <i>Speaker details TBA</i>	T-PED Tolerance on Rotorcraft: Antenna Relocation and IPL Assessment by Simulation <i>Speaker details TBA</i>	Title TBA <i>Speaker details TBA</i>	Motion Roles Update <i>Tom BURTON, Dassault Systèmes</i>
Title TBA <i>Speaker details TBA</i>	EMC Analysis of a Battery Pack <i>Speaker details TBA</i>	Thermal Protection of GT Car <i>Speaker details TBA</i>	Title TBA <i>Speaker details TBA</i>
Title TBA <i>Speaker details TBA</i>	EMC Analysis of a Cooking Pot <i>Speaker details TBA</i>	Title TBA <i>Speaker details TBA</i>	Title TBA <i>Speaker details TBA</i>
An Inversion Procedure to Define In Situ Stress Conditions at Wellbore Scale <i>Speaker details TBA</i>	Anechoic Chamber Virtual Design <i>Speaker details TBA</i>	Aerodynamics Correlation of Racing Motorbike <i>Speaker details TBA</i>	Title TBA <i>Speaker details TBA</i>
Title TBA <i>Speaker details TBA</i>	Title TBA <i>Speaker details TBA</i>	Reversible Fan DOE <i>Speaker details TBA</i>	Title TBA <i>Speaker details TBA</i>
Numerical Simulation of Cracking Phenomena in Concrete Dams under Seismic Loadings: Comparison Between the XFEM and the CDP Approaches <i>Martina COLOMBO, RSE S.p.A.</i>	Title TBA <i>Speaker details TBA</i>	Title TBA <i>Speaker details TBA</i>	Title TBA <i>Speaker details TBA</i>
Title TBA <i>Speaker details TBA</i>	Title TBA <i>Speaker details TBA</i>	Electrified and Efficient Heavy Machinery - HVAC <i>Speaker details TBA</i>	Title TBA <i>Speaker details TBA</i>
Structures Track 1	Electromagnetics Track 2	Fluids Track 3	Motion/MBS: Vehicle Dynamics Track 4
Structures Technology Update and R&D Roadmap <i>Ross MCLENDON, Dassault Systèmes</i>	Electromagnetics Technology Update and R&D Roadmap <i>Leonardo SASSI, Dassault Systèmes</i>	Fluids Technology Update and R&D Roadmap <i>TBD, Dassault Systèmes</i>	Motorcycle Multibody Dynamics to Evaluate Suspension Loads <i>Speaker details TBA</i>
Towards a Quasi-Meshless Approach via the Self-Stabilized Virtual Element Method in Abaqus <i>Lucca MARTINELLI, Dassault Systèmes</i>	Electromagnetics Powered By AI/ML <i>Leonardo SASSI, Dassault Systèmes</i>	Fan Aeroacoustics Correlation <i>Speaker details TBA</i>	Title TBA <i>Speaker details TBA</i>
Maximizing Efficiency in SIMULIA Structural Solvers: Methods and Best Practices <i>Ross MCLENDON, Dassault Systèmes</i>	Virtual Tests for EMC Compliance <i>Speaker details TBA</i>	Low-Fidelity Blade Optimization Process and High-Fidelity Validation <i>Alessandro ROSSI, Dassault Systèmes</i>	Title TBA <i>Speaker details TBA</i>
Random Fatigue Analysis with fe-safe <i>Giovanni DE MORRAIS, Dassault Systèmes</i>	When Physics Domain Collide: EMC and Thermal <i>Domenica IERO, Dassault Systèmes</i>	Workshop: Fans & Blowers Performance and Noise <i>Speaker details TBA</i>	Title TBA <i>Speaker details TBA</i>
Powertrain NVH Model Build on the 3DEXPERIENCE Platform (MODSIM) <i>Radu SIRBU, Dassault Systèmes</i>	(Active) Antenna Array Simulation with SIMULIA Tools <i>Raffaele SCUDERI, Dassault Systèmes</i>	Title TBA <i>Speaker details TBA</i>	Title TBA <i>Speaker details TBA</i>
Structures Track 1	Electromagnetics Track 2	Fluids Track 3	SIMULIA Powered Racing Innovation & Talent Zone, a.k.a. SPRITZ Track 5
Finite Element Modeling for Structural and Clinical Assessment of Guided Bone Regeneration in Oral Surgery <i>Martina RICCI, Università di Firenze</i>	Introduction to SIMULIA Solutions for Electric Drive <i>Davide TALLINI, Dassault Systèmes</i>	AI/ML for CFD Greenhouse Windnoise <i>John HIGGINS, Dassault Systèmes</i>	Introduction to Dassault Systèmes Sponsorship Programs for Academic Competition Teams <i>Speaker details TBA</i>
Numerical Simulation of Glass Facades under Blast <i>Nicola CELLA, Università degli Studi di Trieste</i>	MODSIM Driven E-Motor Design on 3DEXPERIENCE <i>Bilquis MOHAMMODHOSEN, Dassault Systèmes</i>	Deep Learning Surrogate Models for Fan Performance and Acoustic Assessment <i>Faron HESSE, Dassault Systèmes</i>	Title TBA <i>Speaker details TBA</i>
Bridging Digital Survey and Structural Analysis: A Cloud2FEM–Abaqus Workflow <i>Giovanni CASTELLAZZI, University of Bologna</i>	Title TBA <i>Speaker details TBA</i>	Title TBA <i>Speaker details TBA</i>	Specific Technical Deep-Dives & Demos <i>Speaker details TBA</i>
Bridging Virtual Twin and Physical System: End-to-End Development and Structural Validation of a Robotic Arm <i>Speaker details TBA</i>	Magnetic Noise Control of Electric Machines <i>Bilquis MOHAMMODHOSEN, Dassault Systèmes</i>	Title TBA <i>Speaker details TBA</i>	Technical Workshops (Parallel Sessions with Domain Experts) <i>Speaker details TBA</i>
SimuliaWorks MODSIM Multiphysics Demo <i>Speaker details TBA</i>			