

June 08–09, 2026 | Centro Congressi Villa Ottoboni, Padova, Italy

## 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   Track 4
Set Up of a Dynamic Implicit Analysis for Operational Shock Requirements on an Elastomeric Bearing Speaker details TBA	Indirect Effect of Lightning Modeling of Production Rotorcraft: CAD, Materials, Harness Modeling for the Estimation of Actual Transient Level on Cable Routes Speaker details TBA	Aeroacoustics Analysis of Strut-Braced Wings Emanuele STICCHI, Delft University of Technology	Multibody Technology Update and R&D Roadmap Remi ALLIOT, Dassault Systèmes
Simulation-Driven Manufacturing Speaker details TBA	T-PED Tolerance on Rotorcraft: Antenna Relocation and IPL Assessment by Simulation Speaker details TBA	Title TBA Speaker details TBA	
Title TBA Speaker details TBA	EMC Analysis of a Battery Pack Speaker details TBA	Thermal Protection of GT Car Speaker details TBA	Title TBA Speaker details TBA
Title TBA Speaker details TBA	Radiated Emissions Investigation of a Serial Digital Interface in a Connected Appliance Davide FAZI, ElectroLux	Aerodynamics Correlation of Racing Motorbike Speaker details TBA	Rail Vehicle Dynamics Speaker details TBA
An Inversion Procedure to Define In Situ Stress Conditions at Wellbore Scale Speaker details TBA	Anechoic Chamber Virtual Design Speaker details TBA	AI/ML for CFD Greenhouse Windnoise John HIGGINS, Dassault Systèmes	Motion Roles Update Tom BURTON, Dassault Systèmes
Simulation Driven Contributions to Product Development in FdA Speaker details TBA	Design and Full-Wave Analysis of an Additively Manufacturable Spiral Antenna with Infinite Balun for Platform Integration Chiara TULLI, ELT Elettronica	Title TBA Speaker details TBA	Title TBA Speaker details TBA
Numerical Simulation of Cracking Phenomena in Concrete Dams under Seismic Loadings: Comparison Between the XFEM and the CDP Approaches Martina COLOMBO, RSE S.p.A.	Title TBA Speaker details TBA	From Customer Requirements to IN-Vehicle Integration: Simulation-Driven Fan Installation and Selection Speaker details TBA	Motion Analysis Live Demo Speaker TBD, Dassault Systèmes
Title TBA Speaker details TBA	Title TBA Speaker details TBA	Electrified and Efficient Heavy Machinery - HVAC Speaker details TBA	
Structures   Track 1	Electromagnetics   Track 2	Fluids   Track 3	Motion   Track 4
Structures Technology Update and R&D Roadmap Ross MCLENDON, Dassault Systèmes	Electromagnetics Technology Update and R&D Roadmap Leonardo SASSI, Dassault Systèmes	Fluids Technology Update and R&D Roadmap incl. GPU Update and Multiphase Speaker details TBA	Motorcycle Multibody Dynamics to Evaluate Suspension Loads Leonardo PRUCCOLI & Marco VALLONE Protesa / Exemplar
Beyond standard Finite Element meshes: a self-stabilized Virtual Element Method Lucca MARTINELLI, Politecnico di Milano	Electromagnetics Powered By AI/ML Leonardo SASSI, Dassault Systèmes	Aeroacoustic Impact of Radiator Installation in an Engine Cooling Fan Francesco BELLELLI, Politecnico di Torino	Title TBA Speaker details TBA
Maximizing Efficiency in SIMULIA Structural Solvers: Methods and Best Practices Ross MCLENDON, Dassault Systèmes	Virtual Tests for EMC Compliance Andreas BARCHANSKI, Dassault Systèmes	Low-Fidelity Blade Optimization Process and High-Fidelity Validation Alessandro ROSSI, Dassault Systèmes	High Fidelity Electric Drive NVH Simulations with Simpack Bruno PASSONE, Dassault Systèmes
Random Fatigue Analysis with fe-safe Giovanni DE MORAIS, Dassault Systèmes	When Physics Domain Collide: EMC and Thermal Domenica IERO, Dassault Systèmes	Deep Learning Surrogate Models for Fan Performance and Acoustic Assessment Faron HESSE, Dassault Systèmes	Title TBA Speaker details TBA
Powertrain NVH Model Build on the 3DEXPERIENCE Platform (MODSIM) Radu SIRBU, Dassault Systèmes	(Active) Antenna Array Simulation with SIMULIA Tools Raffaele SCUDERI, Dassault Systèmes	Workshop: Fans & Blowers Performance and Noise / part 1 Alessandro ROSSI, Dassault Systèmes	
Structures   Track 1	Electromagnetics   Track 2	Fluids   Track 3	Motion   Track 4
Finite Element Modeling for Structural and Clinical Assessment of Guided Bone Regeneration in Oral Surgery Martina RICCI, Università di Firenze	Introduction to SIMULIA Solutions for Electric Drive Davide TALLINI, Dassault Systèmes	Workshop: Fans & Blowers Performance and Noise / part 2 Andreas JANTZEN, Dassault Systèmes	Title TBA
Numerical Simulation of Glass Facades under Blast Nicola CELLA, Università degli Studi di Trieste	MODSIM Driven E-Motor Design on 3DEXPERIENCE Bilquis MOHAMMODHOSEN, Dassault Systèmes		SIMULIA Powered Racing Innovation & Talent Zone a.k.a. SPRITZ   Track 5
Bridging Digital Survey and Structural Analysis: A Cloud2FEM–Abaqus Workflow Giovanni CASTELLAZZI, University of Bologna	Speaker details TBA		Introduction to Dassault Systèmes Sponsorship Programs for Academic Competition Teams Speaker details TBA
Bridging Virtual Twin and Physical System: End-to-End Development and Structural Validation of a Robotic Arm Speaker details TBA	Magnetic Noise Control of Electric Machines Bilquis MOHAMMODHOSEN, Dassault Systèmes		Title TBA Speaker details TBA
	SimuliaWorks MODSIM Multiphysics Demo Speaker details TBA		Specific Technical Deep-Dives & Demos Speaker details TBA
			Technical Workshops (Parallel Sessions with Domain Experts) Speaker details TBA