

Start Time (CEST)

10:00	Registration & Breakfast Plenary Sala Ottoboni			
11:00	Welcome & Introduction <i>Indro MONTI, Dassault Systèmes</i>			
11:15	SIMULIA Brand Insights 2026 <i>Sebastien GAUTIER, Dassault Systèmes</i>			
11:45	MODSIM (+AI) – Enabling Transformation from Sequential to Concurrent Engineering <i>Francesco POLIDORO, Dassault Systèmes</i>			
12:15	Multiphysics Simulation of Aircraft Radome <i>Simone MEDURI & Davide TALLINI, Dassault Systèmes</i>			
12:45	Lunch Break			
Customer Talks – Breakout Sessions				
	Structures Track 1 Sala Ottoboni	Electromagnetics Track 2 Sala Ramin 2	Fluids Track 3 Sala Ramin 1	Motion/MBS Track 4 Sala Cortivo
14:10	Set Up of a Dynamic Implicit Analysis for Operational Shock Requirements on an Elastomeric Bearing <i>Speaker details announced later</i>	14:10 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 announced later</i>	14:10 Aeroacoustics Analysis of Strut-Braced Wings <i>Emanuele STICCHI</i> <i>Delft University of Technology</i>	14:10 Multibody Technology Update and R&D Roadmap <i>Remi ALLIOT</i> <i>Dassault Systèmes</i>
14:35	Simulation-Driven Manufacturing: Powering Structural Performance Production at Tenaris <i>Carlo BERGAMELLI & Simone CREMONINI</i> <i>Tenaris</i>	14:35 T-PED Tolerance on Rotorcraft: Antenna Relocation and IPL Assessment by Simulation <i>Speaker details announced later</i>	14:35 Leveraging PowerFLOW for Advanced Aeroacoustic and Aerodynamic Simulation <i>Matt LANGFORD</i> <i>Techsburg Inc.</i>	
15:00	Improving Crash Prediction Accuracy Through Numerical Characterization of Spot Welds with Abaqus/XPL <i>Marco BARBI</i> <i>IVECO</i>	15:00 Shielding Effectiveness of an Automotive Battery Pack Enclosure <i>Veronika PISACIC</i> <i>Rimac Technology</i>	15:00 Heavy Truck Aeroacoustics: An Effective Approach for Root-Cause Analysis and Efficient Problem Solving <i>Alberto BARELLA</i> <i>IVECO</i>	15:00 Post Derailment Railway Simulations using Simpack <i>Matteo MAGELLI</i> <i>Politecnico di Torino</i>
15:25	General Overview of Humanetics Dummy <i>Nenad DIMITRIC</i> <i>Humanetics</i>	15:25 Radiated Emissions Investigation of a Serial Digital Interface in a Connected Appliance <i>Davide FAZI</i> <i>Electrolux</i>	15:25 Aeroacoustic Simulation of a Side Window Wind Deflector on a Heavy-Duty Vehicle <i>Marc HEHNER & Carlo Alberto PERUGINI</i> <i>Daimler Truck</i>	15:25 Mechatronics-Based Modeling and Simulation of Railway Vehicle Systems and Inspection Platforms <i>Prof. Ciro TORDELA</i> <i>Università di Napoli Federico II</i>
15:50	Break Coffee & Snacks			
16:20	Simulation-Driven Contributions to Product Development in Beretta <i>Lorenzo CASTIGLIONI</i> <i>Beretta</i>	16:20 EMC Chambers – from Standards to Digital Twins <i>Luca LALLI</i> <i>Microwave Vision Italy</i>	16:20 Modelling and Simulation for Heavy Machinery and Agricultural Equipment <i>Santiago GARCIA</i> <i>Dassault Systèmes</i>	16:20 Motorcycle Multibody Dynamics to Evaluate Suspension Loads <i>Leonardo PRUCCOLI & Marco VALLONE</i> <i>Protesa / Exemplar</i>
16:45	An Inversion Procedure to Define In Situ Stress Conditions at Wellbore Scale <i>Silvia MONACO</i> <i>ENI</i>	16:45 Design and Full-Wave Analysis of an Additively Manufacturable Spiral Antenna with Infinite Balun for Platform Integration <i>Chiara TULLI</i> <i>ELT Group - Elettronica</i>	16:45 Aerodynamic Performance Analysis of Motorcycle Helmets: A Comparative CFD Study <i>Speaker details TBA</i> <i>Speaker details TBA</i>	16:45 From Design to Track: Multibody Simulation of a Student Racing Motorcycle in Simpack <i>Leonardo PIVA & Domenico CAPUANO</i> <i>Polimi Motorcycle Factory</i>
17:10	Numerical Simulation of Cracking Phenomena in Concrete Dams under Seismic Loadings: Comparison Between the XFEM and the CDP Approaches <i>Martina COLOMBO & Giorgia FAGGIANI</i> <i>RSE - Ricerca sul Sistema Energetico</i>	17:10 EMC/EMI Simulations of Power Electronic boards for Induction Cooktop using CST <i>Alessio BALDAZZI</i> <i>Electrolux</i>	17:10 Aero-Thermal Comparative Analysis: Wind Tunnel Pressure Data vs. PowerFLOW Simulation <i>Matteo CALZA & Luca SPAZZOLINO</i> <i>Polimi Motorcycle Factory</i>	17:10 Motion Roles Overview and Update <i>Tom BURTON</i> <i>Dassault Systèmes</i>
17:35	Accelerating Offshore Spool Validation Through Automation, DOE and Surrogate Modeling with Isight <i>Francesco TATTOLI</i> <i>Saipem</i>	17:35 Non-Parametric optimization of Antennas for Space Applications <i>Nicholas SESTO GORELLA</i> <i>Picosats</i>	17:35 Update on Machine Learning Applied to DS Fluids Solutions <i>John HIGGINS</i> <i>Dassault Systèmes</i>	
18:00	Day 1 End of Presentations Group Photo			
18:15	Evening Get-Together and Light Buffet at Villa Ottoboni (conference location)			
19:45	Bus / Car Transfer to Padova City Center – ca. 15 min			
20:00	Cultural Visit - Guided City-Tour of Padova			
21:00	End of Day 1			

Start Time (CEST)

9:30		Registration 30-min			
R&D Updates and Seminars - Breakout Sessions					
Structures Track 1 Sala Ottoboni		Electromagnetics Track 2 Sala Ramin 2		Fluids Track 3 Sala Ramin 1	
Motion/MBS Track 4 Sala Cortivo					
09:00 - 10:00	Structures Technology Update and R&D Roadmap <i>Ross MCLENDON</i> <i>Dassault Systèmes</i>	09:00 - 10:00	Electromagnetics Technology Update and R&D Roadmap <i>Leonardo SASSI</i> <i>Dassault Systèmes</i>	09:00 - 09:55	Fluids Technology Update and R&D Roadmap incl. GPU Update and Multiphase <i>Saif HASNAIN</i> <i>Dassault Systèmes</i>
10:00 - 10:25	Beyond standard Finite Element Meshes: A Self-Stabilized Virtual Element Method <i>Lucca MARTINELLI</i> <i>Politecnico di Milano</i>	10:00 - 10:30	Electromagnetics Powered by AI <i>Leonardo SASSI</i> <i>Dassault Systèmes</i>	09:55 - 10:20	From Customer Requirements to In-Vehicle Integration: Simulation-Driven Fan Installation and Selection <i>Mauro LOCATELLI</i> <i>Same Deutz-Fahr</i>
10:25 - 11:10	Maximizing Efficiency in SIMULIA Structural Solvers: Methods and Best Practices <i>Ross MCLENDON</i> <i>Dassault Systèmes</i>	10:30 - 11:10	Electromagnetic Fields in EMC Simulation <i>Andreas BARCHANSKI</i> <i>Dassault Systèmes</i>	10:20 - 10:45	Aeroacoustic Impact of Radiator Installation in an Engine Cooling Fan <i>Francesco BELLELLI</i> <i>Politecnico di Torino</i>
11:10 - 11:10		11:10 - 11:10		10:45 - 11:10	Numerical Optimization of Winglet Designs for Axial Fan Noise Performance Using High-Fidelity PowerFLOW Simulations <i>Alessandro ROSSI</i> <i>Dassault Systèmes</i>
11:10 Break Coffee & Snacks					
11:40 - 12:15	Random Fatigue Analysis with fe-safe <i>Giovanni DE MORAIS</i> <i>Dassault Systèmes</i>	11:40 - 12:15	When Physics Domain Collide: EMC and Thermal <i>Domenica IERO</i> <i>Dassault Systèmes</i>	11:40 - 12:00	Deep Learning Surrogate Models for Fan Performance and Acoustic Assessment <i>Mert YUCETEPE</i> <i>Dassault Systèmes</i>
12:15 - 12:45	Powertrain NVH Model Build on the 3DEXPERIENCE Platform (MODSIM) <i>Radu SIRBU</i> <i>Dassault Systèmes</i>	12:15 - 12:45	(Active) Antenna Array Simulation with SIMULIA Tools <i>Raffaele SCUDERI</i> <i>Dassault Systèmes</i>	12:00 - 13:00	Aeroacoustics of Rotating Machinery – Fans and Blowers <i>Andreas JANTZEN</i> <i>Dassault Systèmes</i>
12:45 Lunch Break					
Structures Track 1 Sala Ottoboni		Electromagnetics Track 2 Sala Ramin 2		Fluids Track 3 Sala Ramin 1	
SPRITZ Track 5 Sala Cortivo					
14:00 - 14:25	Finite Element Modeling for Structural and Clinical Assessment of Guided Bone Regeneration in Oral Surgery <i>Martina RICCI</i> <i>Università di Firenze</i>	14:00 - 14:15	Introduction to SIMULIA Solutions for Electric Drive <i>Davide TALLINI</i> <i>Dassault Systèmes</i>	14:00 - 15:00	Aeroacoustics of Rotors – Aerospace Applications <i>Damiano CASALINO</i> <i>Dassault Systèmes</i>
14:25 - 14:50	Numerical Simulation of Glass Facades under Blast <i>Nicola CELLA</i> <i>Università degli Studi di Trieste</i>	14:15 - 15:00	MODSIM Driven E-Motor Design on 3DEXPERIENCE <i>Bilquis MOHAMODHOSEN</i> <i>Dassault Systèmes</i>		
14:50 Break Coffee & Snacks					
15:10 - 15:30	Bridging Digital Survey and Structural Analysis: A Cloud2FEM–Abaqus Workflow <i>Giovanni CASTELLAZZI</i> <i>University of Bologna</i>	15:20 - 15:40	Reverse-Engineering the MotoStudent Electric Motor: A CST Studio Approach <i>Luca BENDAZZOLI</i> <i>Polimi Motorcycle Factory</i>		
15:30 - 15:50	Analysis and Design Approaches for eVTOL Aircraft Crashworthiness <i>Edoardo NOVEMBRE</i> <i>Politecnico di Milano</i>	15:40 - 16:10	Magnetic Noise Control of Electric Machines <i>Bilquis MOHAMODHOSEN</i> <i>Dassault Systèmes</i>	15:20 - 16:50	Thermal Protection – Native Thermal <i>Saif HASNAIN</i> <i>Dassault Systèmes</i>
15:50 - 16:10	Bridging Virtual Twin and Physical System: End-to-End Development and Structural Validation of a Robotic Arm <i>Umberto LIBERO</i> <i>Politecnico di Torino</i>				
16:10 - 17:00	Transforming Industrial Design with SOLIDWORKS and 3DEXPERIENCE Multiphysics MODSIM <i>Reza TABATABAI & Fabio TANTALO</i> <i>Dassault Systèmes</i>				
17:00 Final Aperitivo					
18:00 End of Conference					