

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>
10:45 - 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 MOHAMMODHOSEN</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 MOHAMMODHOSEN</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 &amp; Fabio TANTALO</i> <i>Dassault Systèmes</i>				
17:00 Final Aperitivo					
18:00 End of Conference					