

Start Time (CEST)

9:15 Registration opens | 45 minutes

Plenary

Indro MONTI, Dassault Systèmes

Chair:

10:00 Welcome & Agenda (Leonardo Machines, Introduction to SIMULIA Champions)
Indro MONTI, Dassault Systèmes

10:20 Simulation Brand Update & Highlights
Francesco POLIDORO, Dassault Systèmes

11:00 Transformation Through MODSIM
Gregor JUDEX, Dassault Systèmes

11:45 AI-Enhanced MODSIM for Design Exploration
Simone MEDURI, Dassault Systèmes

12:30 Lunch Break | 90 min

Customer Talks - Breakout Sessions

Track 1 - Structures		Track 2 - Electromagnetics		Track 3 - Fluids		Track 4 - Multibody Dynamics	
Chair: <i>Andrea VILLA, Dassault Systèmes</i>		Chair: <i>Davide TALLINI, Dassault Systèmes</i>		Chair: <i>Francesco POLIDORO, Dassault Systèmes</i>		Chair: <i>Bruno PASSONE, Dassault Systèmes</i>	
14:00	Liquid Food Packaging: FSI and Simplified Strategies for Forming in Tetra Pak <i>Andrea GIAMPIERI and Federica COVEZZI, Tetra Pak</i>	14:00	Antenna Placement Analyses for Radio-Frequency Interference Mitigation on Small Spacecrafts <i>Andrea GIANNINI, D-Orbit</i>	14:00	The Role of PowerFLOW in the Design of Ferrari Purosangue <i>Andrea ARTONI, Ferrari</i>	14:00	R&D Update Motion <i>Remi ALLIOT, Dassault Systèmes</i>
14:25	The Phase-Field Modeling of Ductile Fracture in Fibre-Based Materials <i>Alessandro MARENGO, Tetra Pak</i>	14:25	A Novel Approach for a Polarizer Simulation with Thin Panel Feature <i>Luigi Massimo AURIEMMA, Elettronica</i>	14:25	Advanced Engineering of Same Deutz-Fahr Cabins: An integrated CFD simulation approach to Comfort, Safety, and Productivity <i>Luca CAMPAGNA, Same Deutz-Fahr</i>		
14:50 Short Coffee/Water Break 5 - 10 min							
14:55	Advanced Soil-Pipe Interaction Model for the In-Service Buckling Assessment of Offshore Pipelines <i>Andrea BATELLI, Saipem</i>	15:00	Tailoring of the Frequency Response of Microwave Filters Using CST Studio <i>Matteo CENDAMO, Commscope</i>	15:00	Computational Aeroacoustics Modeling of Cold End Exhaust Sub-System <i>Figen LACIN, Tenneco</i>	15:00	A Sneak Peek into the Future: Hitachi Rail STS Approach to Virtual Homologation <i>Elisa BUTINI, Hitachi Rail</i>
15:15	Multiphysics Simulation for Civil Design Application <i>Andrea BASSANI, IDECOM</i>	15:25	3D Electromagnetic Simulations in Space Applications <i>Marco NICOLETTO, Thales Alenia Space</i>	15:25	Effect of the Testing Environment and Operating Condition on the Noise Sources of an Engine Cooling Fan <i>Francesco BELLELLI, Politecnico di Torino</i>	15:25	Stress and Durability Estimation on an Electric Racing Motorcycle Transmission Shaft via Multibody Simulation <i>Luca AMBROSINI and Marcello ZAMBELLI, Polimi Motorcycle Factory</i>
15:35	Detailed and Robust Design Analysis of Molds Opening and Closing Mechanism Using Abaqus <i>Alessandro PATANE', Bottero</i>	15:50	Non-Parametric Shape Optimization of a Q-Band Horn Antenna for Space Applications <i>Nicholas SESTO GORELLA, Picosats</i>	15:50	Description of the Aerodynamic and Acoustic Flow Fields within Cavity of Acoustic Liner <i>Angelo PADUANO, Politecnico di Torino</i>	15:50	A User Force Element to Include Longitudinal Train Dynamics Simulations in Simpack <i>Nicolò ZAMPIERI and Matteo MAGELLI, Politecnico di Torino</i>
15:55	Road Noise Mitigation by Multiresonant Metamaterials in Tyres <i>Luca SANGIULIANO, Phononic Vibes</i>	16:15		16:15		16:15	

Coffee & Snacks Break | 30 min

Track 1 - Structures		Track 2 - Electromagnetics		Track 3 - Fluids		Track 5 - Vibroacoustics	
Chair: <i>Andrea VILLA, Dassault Systèmes</i>		Chair: <i>Davide TALLINI, Dassault Systèmes</i>		Chair: <i>Francesco POLIDORO, Dassault Systèmes</i>		Chair: <i>Fabrizio ERRICO, Dassault Systèmes</i>	
16:45	Simulation-Based Development of a Guarded-Hot-Plate (GHP) Apparatus <i>Rok MARKEŽIČ, Cafuta</i>	16:45	Comparison Full 3D vs. Hybrid Approach Methodology in Antenna Siting Process on Fixed Wing Aircraft <i>Francesco MARANO, Leonardo Velivoli</i>	16:45	Motorbike Aerodynamics Efficiency Study <i>Francesco BUFFOLI and Marcello GALLIZIOLI, Polimi Motorcycle Factory</i>	16:45	Simulation of Radiated Noise of an Exhaust Duct System <i>Francesco BARTOLI, Albizzati</i>
17:05	Crashworthiness Optimization on CFRP Structures using Abaqus/Explicit and CZone <i>Alessandro AMATO, Politecnico di Milano</i>	17:10	3D CST Simulation of the IEC 61000-4-4 Test Setups for Signal Cables Using Capacitive Coupling Clamp <i>Spartaco CANIGGIA, EMC Expert</i>	17:05	Aerodynamic Analysis of AEHRA's Sedan Model Using SIMULIA PowerFLOW <i>Gianpiero FABRIZI, AeHra</i>	17:10	Railway SEA Model for Interior Noise Simulation <i>Lorenzo DELL'ORFANELLO, Hitachi Rail STS</i>
17:25	Hybrid Anthropomorphic Test Device Model for Efficient Simulation of Crash Scenarios <i>Sebastiano DI MAURO, Politecnico di Milano</i>	17:35	Introduction of SIMULIA Manatee Software for Magnetic Noise & Vibration Control of Electrical Systems <i>Jean LE BESNERAIS, Dassault Systèmes</i>	17:25	Transient Aerodynamics Simulations of a Passenger Vehicle During Deployment of Rear Spoiler <i>Henry TUIT FARQUHAR and Nicolas FOUGERE, General Motors</i>	17:35	Vibroacoustic Simulation for Truck Tire Tread Noise Prediction <i>Dario GAROFANO, Prometeon</i>
17:45	Crashworthiness Assessment of the Flying-V Under Complex Crash Scenarios with Partially Detailed Structures <i>Tiago FERREIRA DA COSTA, TU Delft</i>	18:00		17:45	GPU Accelerated CFD for Powertrain Lubrication and Tank Sloshing Workflows <i>Davide GHISOLFI, Dassault Systèmes</i>	18:00	

18:05 End of Presentations | Transfer to Leonardo3 Museum by private bus / public transportation / car – ca. 30 min

18:45 Museum Visit with welcome drink
Museo Leonardo3, Galleria Vittorio Emanuele II 11, Milano

20:00 Transfer to Galleria Meravigli on foot – ca. 8 min

20:10 Dinner Reception
Galleria Meravigli, Via Gaetano Negri 6, Milano

23:30 End of Day 1