



SIMULIA EuroMed Conference (Regional User Meeting) – Agenda

June 11–12, 2024 | Milano, Italy

Day 2 | Wednesday, June 12



3DEXPERIENCE

Start Time (CEST)

9:00	Registration opens 30 minutes			
R&D Updates and Advanced Seminars - Breakout Sessions				
	Track 1 - Structures	Track 2 - Electromagnetics	Track 3 - Fluids & FSI	Track 4 - Multibody Dynamics
Chair:	<i>Andrea VILLA, Dassault Systèmes</i>	<i>Davide TALLINI, Dassault Systèmes</i>	<i>Francesco POLIDORO, Dassault Systèmes</i>	<i>Bruno PASSONE, Dassault Systèmes</i>
09:30 - 10:30	R&D Update Structures <i>Juan HURTADO</i> <i>Dassault Systèmes</i>	R&D Update Electromagnetics <i>Leonardo SASSI</i> <i>Dassault Systèmes</i>	R&D Update Fluids — incl. GPU & Cloud Computing <i>Benjamin DUDA</i> <i>Dassault Systèmes</i>	9:30 Simpack Abaqus Co-Simulation with a Vehicle-Tire coupling in an Abuse Loading Application <i>Bruno PASSONE</i> <i>Dassault Systèmes</i>
				10:00 Motorcycle Applications with Simpack <i>Bruno PASSONE</i> <i>Dassault Systèmes</i>
10:30	Coffee & Snacks Break 30 min			
11:00 - 12:45	Workshop: Composites <i>Juan HURTADO and Elias CIPELLETTI</i> <i>Dassault Systèmes</i>	11:00 - 11:50 Workshop: EMC/EMI Simulations to Improve Your Pass Rate <i>Domenica IERO</i> <i>Dassault Systèmes</i>	11:00 - 11:25 Dassault Systèmes SIMULIA Portfolio for Fluid-Structure-Interaction Simulations <i>Simone MEDURI and Alessio CROCI</i> <i>Dassault Systèmes</i>	11:00 - 11:50 Automotive Highlights — Achieve Optimal Vehicle Dynamic Performance with SIMULIA Solutions <i>Tom BURTON</i> <i>Dassault Systèmes</i>
		11:50 - 12:45 Workshop: Cable Harness Simulation <i>Emanuele ZANIN</i> <i>Dassault Systèmes</i>	11:25 - 11:50 Tail Buffeting Analysis of the 3DS Fighter-Jet Through a Fluid Structure Interaction (FSI) Approach <i>Daniele ESPOSITO</i> <i>Dassault Systèmes</i>	
			11:50 - 12:15 3D Fluid-Structure Interaction Simulation with a Novel Reconnection-Based Arbitrary-Lagrangian-Eulerian Approach <i>Daniele Di CRISTOFARO</i> <i>Politecnico di Milano</i>	11:50 - 12:45 Realtime Simulator Interactive Open Session/Demo <i>Tom BURTON</i> <i>Dassault Systèmes</i>
			12:15 - 12:45 Simulation of Free-Surface Fluid-Structure Interaction Problems Employing Particle Finite Element Method and ABAQUS/Explicit <i>Cheng FU</i> <i>Politecnico di Milano</i>	
12:45	Lunch Break 90 min			
Workshops and Free Trainings - Breakout Sessions				
14:00	Workshop Part 1: MODSIM <i>Alessandro BELLINI, Bozhidar NAYDENOV, Nicolò GAVAGNI</i> <i>Dassault Systèmes</i>	14:00 Workshop: Non-Parametric Shape Optimization for RF Components <i>Davide TALLINI</i> <i>Dassault Systèmes</i>	14:00 Workshop Part 1: History of Fluids Simulation – from Early Days to Machine Learning <i>Mert YUCETEPE</i> <i>Dassault Systèmes</i>	14:00 Training Part 1: Introduction to Simpack <i>Tom BURTON and Bruno PASSONE</i> <i>Dassault Systèmes</i>
15:05	Coffee & Snacks Break 20 min			
15:25	Workshop Part 2: MODSIM <i>Alessandro BELLINI, Bozhidar NAYDENOV, Nicolò GAVAGNI</i> <i>Dassault Systèmes</i>	15:25 Workshop: Thermal Management for High Power Components <i>Domenica IERO</i> <i>Dassault Systèmes</i>	15:25 Workshop Part 2: History of Fluids Simulation – from Early Days to Machine Learning <i>Mert YUCETEPE</i> <i>Dassault Systèmes</i>	15:25 Training Part 2: Introduction to Simpack <i>Tom BURTON and Bruno PASSONE</i> <i>Dassault Systèmes</i>
16:30	End of Day 2			

Status: June 10, 2024 - Agenda subject to change