

SIMULIA EUROMED USER CONFERENCE 2025

Essential Guide



Your Exclusive Invitation to the SIMULIA EUROMED USER CONFERENCE 2025

Join us in Rome at the Sapienza Università di Roma on July 1-2 for the **SIMULIA EUROMED USER CONFERENCE**. This is a must-attend event for our valued customers and anyone interested in SIMULIA solutions.

This year, the conference holds even more significance as we celebrate SIMULIA's 20th Anniversary! It's the perfect opportunity to look back at two decades of achievements and cast our eyes forward to the future of simulation.

Inside this eBook, you'll find all the essential details to help you decide to join us for what promises to be our best event yet. Get a sneak peek at the preliminary agenda and discover how this meeting will benefit you:

What Awaits You:

- Complimentary Access: Enjoy full access to both days of the User Conference – completely free of charge
- Customer Talks: Hear from industry leaders at Saipem, Rimac Technology, Polimi Motorcycle Factory, Ferrari, Radio6ense, Capgemini Italia, Thales Alenia Space Italy, Huawei, Politecnico di Milano, Politecnico di Torino and many more!
- Real-World Insights: Learn from over 55 presentations showcasing practical applications
- Tailored Breakout Sessions: Deep dive into your area of interest with 4 focused technology tracks:
 - Structures
 - Electromagnetics
 - Fluids
 - Multibody Dynamics
- SIMULIA Innovation: Get the latest updates on the SIMULIA portfolio directly from our R&D team
- Unlock the Power of 3DEXPERIENCE: Discover how to maximize the value of your simulation processes and data
- Valuable Networking: Enjoy a free networking banquet on the evening of July 1st
- Focused Content: Benefit from presentations and discussions tailored to local industry trends and challenges
- Connect with Peers: Engage with other SIMULIA users, share knowledge, and build valuable connections

Who Should Be There?

This meeting is ideal for industry professionals, engineering teams, team leaders, managers, and directors seeking to leverage state-of-the-art multiscale, multi-discipline simulation.

We look forward to welcoming you to Rome!

Venue Information

This year's SIMULIA EUROMED USER CONFERENCE will take place in Sapienza Università di Roma, Faculty of Civil and Industrial Engineering. For more information about the venue, please visit <https://ici.web.uniroma1.it/>

Venue Details:

Sapienza Università di Roma
Faculty of Civil and Industrial Engineering
Oppio Hill
Via Eudossiana 18



Parking:

There's no parking directly on the university campus. While you might find some parking spots nearby, they're often restricted and can be quite expensive.

Since the venue is right in the city center, close to the Colosseum, we strongly recommend using public transport to get here.

Directions to the Faculty

- **By Foot:** From the Colosseum: Use metro escalators, then follow signs to Piazza S. Pietro in Vincoli.
- **From Via Cavour:** Take stairs up to San Pietro in Vincoli or use the rear entrance on Via delle Sette Sale (also accessible from Colle Oppio Park)
- **By Public Transport:**
 - **Subway:** (Metro B – blue line): Get off at Cavour or Colosseum. This line connects to Termini Station (for intercity trains and Metro A), University City (Policlinico), and urban rail network (Piramide, Tiburtina)
 - **Bus:** Lines 81, 85, 87, 11, and 27 all stop at the Colosseum
 - **Tram:** Lines 30 and 13 stop near the Colosseum
- **From Leonardo da Vinci International Airport (Fiumicino):**
 - **Taxi:** Expect over €50 (for up to 4 passengers within Aurelian Walls). Journey is about 50 minutes, up to 90 minutes in heavy traffic
 - **Train (recommended):**
 - **Leonardo Express:** This direct train to Termini Station runs every 30 minutes from roughly 6 AM to 11 PM. The trip takes 31 minutes and costs €11
 - **Metropolitan Service Line FR1:** This line connects to Rome Tiburtina, Rome Ostiense (near Metro Piramide), Rome Trastevere, and Rome Tuscolana stations. It runs every 15 minutes and costs €5.50
 - From either train, transfer to Metro B and get off at Colosseo or Cavour for the faculty

Registration

We are delighted to offer complimentary registration for both days of the conference, including the networking buffet. However, due to anticipated high demand and limited spaces, it is crucial to register only if you are certain you can attend. If your plans change, please notify us as soon as possible so your place can be offered to another attendee.

[Click here to register](#)

OR

Scan QR code to register



Start Time (CST)

9:45 Registration & Breakfast | 45-min

Plenary – Aula 1

10:30	Welcome & Introduction Indro MONTI, Dassault Systèmes
10:45	SIMULIA Brand Insights Sebastien GAUTIER, Dassault Systèmes
11:30	MODSIM: The Importance of Being Unified Francesco POLIDORO, Dassault Systèmes
12:15	Coupled Workflows for Thermomechanical and Oxidative Aging Analysis in Elastomers William MARS, Endurica Europe
12:45	Lunch Break 75 min

Customer Talks – Breakout Sessions

Structures – Track 1 – Aula 1		Electromagnetics – Track 2 – Sala del Chiostro		Fluids – Track 3 – Aula 7		Motion – Track 4 – Aula 17	
14:00	Direct Electrical Heating Cable Positioning Study for Subsea Pipelines – FEM Analysis and Optimization Alessandro BENZI Salpem	14:00	EMC/EMI Simulations and Analysis of Automotive Components using CST Raul BLEIC Rimac Technology	14:00	Aeroacoustics Simulation of a High-Subsonic Maglev Train: Far Field Noise and Sources Characterization Ali TABBAL & Carlo Alberto PERUGINI CRRC RailTech GmbH	14:00	R&D Update – Simpack Tom BURTON Dassault Systèmes
14:25	Thermo-Poro-Mechanical Modeling for Fault Stability Evaluation using Abaqus Silvia MONACO ENI	14:25	Predicting and Verifying the Electromagnetic Compatibility of LEO and GEO Satellites Giovanni MONGINI Thales Alenia Space Italy	14:25	Validation of Brake Cooling Cycles on a Sports Car Giacomo RONCHETTI Dassault Systèmes		
Break 15-min Coffee & Tea							
15:05	Suspension Knuckle Analysis: Model Creation Optimization with 3DX Platform Marco CESARI & Lorenzo CHIARBONELLO Ferrari	15:05	Millimeter Wave Grin Lens in PBC Technology Fabio MORGIA Huawei	15:05	Adding Detail to Interior Windnoise Models using wave6 Together with PowerFLOW Aron RINEHIMER General Motors	15:05	Multibody Dynamic Analysis with Flexible Chassis of Scooter Vehicle for High Cycle Fatigue Characterization on Rough Road Passing Davide GRILLINI & Marco VALLONE Engines Engineering & Exemplar
15:40	Rubber Components FE Model: Virtual Validation and Implementation in Tire-Soil Interactions for Offroad Giuseppe DAMBROSIO CNH	15:30	Simulation-Driven Design of a Battery-Less UHF Sensor for Monitoring EV Bearings Carolina MIOZZI RadioGense	15:30	Understanding Axial Fan Noise Generation Through Lattice-Boltzmann Simulations Francesco AVALLONE Politecnico di Torino	15:30	Simpack Automotive Wizard Database and Realtime Applications Bruno PASSONE Dassault Systèmes
16:00	Analysis of Helicopter Component with Hyperelastic Material Characterization Salvatore DI NUZZO & Carlo DI PASQUALE Capgemini Engineering	15:55	Efficient Simulation of Tandem-Arrayed Mosaic Antennas with Advanced FSS Structures Roman TKADLEC Andrew and Amphenol Company	15:55	Fluid-Structure-Interaction on Axial Fans Alessandro ROSSI Dassault Systèmes	15:55	Introducing Simpack Component for Isight Tom BURTON Dassault Systèmes
Break 30-min Coffee & Snacks							
16:50	Crashworthiness Design of eVTOL using Efficient Computational Tools Alessandro AIROLDI Politecnico di Milano	16:50	Use of CST's Hybrid Solver for Pattern Deformation Analysis of Antennas Installed on Electrically Large Sergio ROSSI Elettronica	16:50	Electric Motorcycle Battery Pack Cooling Duty Cycle Francesco BUFFOLI & Sebastiano TURCI Polimi Motorcycle Factory	16:50	MBS – FEA Co-Simulation Approach Applied to a Coupled Vehicle-Tire in an Abuse Loading Application Bruno PASSONE Dassault Systèmes
17:15	Design and Optimization Integrated Approach for Robotic Welding Processes of Car Chassis Alessandro DIMAURO Università degli Studi di Modena e Reggio Emilia	17:15	Matching between Analytical and Computational Electromagnetic Techniques for the Design of Leaky-Wave Antennas Edoardo NEGRI CNR, IMM and Sapienza University of Rome, DIET	17:15	Aerodynamic Study of a Sports Motorbike Francesca FERRANTE Università degli Studi di Modena e Reggio Emilia	17:15	Optimization of Rail Vehicle Dynamics: Steering Parameter Sensitivity and Wheel Wear Reduction via Simpack - Simulink Co-Simulation Lukas LINDBICHLER TU Graz
17:40	Simulation-Driven Innovation in Life Science: From Pancreatic Tissue to Bone Regeneration Martina RICCI & Margherita ROMITI University of Florence	17:40	Electromagnetic Simulations of Space-Time Varying Metamaterials and Metasurfaces Davide RAMACCIA Università Roma Tre	17:40	3D Fluid-Structure Interaction Simulation for Hydrofoil Performance Evaluation Daniele DI CRISTOFARO Politecnico di Milano		

Day 1 | End of Presentations | Group Photo

18:05	Archeological Cultural Visit
18:15	Rione Monti and Fori Romani

End of Cultural Event and walk back to University – ca. 5 min

19:30	Evening Reception and Buffet
19:30	Chiostro San Pietro in Vincoli

End of Day 1

Start Time (EST)

09:00	Registration 30-min			
R&D Updates and Seminars - Breakout Sessions				
	Structures – Track 1 – Aula 1	Electromagnetics – Track 2 – Sala del Chiostro	Fluids – Track 3 – Aula 7	Motion – Track 4 – Aula 17
09:30 - 10:30	Structures Technology Update – What's New in Abaqus FEA Ross MCLENDON Dassault Systèmes	09:30 - 10:30 R&D Update – Electromagnetics Leonardo SASSI Dassault Systèmes	09:30 - 10:30 R&D Update – Fluids, incl. GPU & Cloud Computing Benjamin DUDA Dassault Systèmes	09:30 - 10:30 R&D Motion – State of Technology and Vertical Roles Tom BURTON Dassault Systèmes
10:30	Break 30-min Coffee & Snacks			
11:00 - 11:30	Structural Design & High-Impact Dynamic Simulation for Next Generation Shipbuilding Wouter VAN DER WELDEN Dassault Systèmes	11:00 - 11:30 Shielding Effectiveness Simulation Domenica IERO Dassault Systèmes	11:00 - 11:30 Aeroacoustic Simulation with PowerFLOW: Driving Innovation in Noise Prediction and Reduction Carlo PERUGINI Dassault Systèmes	11:00 - 13:00 Hands-on: Motion Analysis Role on 3DEXPERIENCE – Live Session Tom BURTON & Bruno PASSONE Dassault Systèmes
11:30 - 12:15	Virtual Human Modeling & Simulation Alessandro BELLINI Dassault Systèmes	11:30 - 12:00 Design of System-in-Packages Mixed Signal Transitions for Space Applications Andres DABAS Thales Alenia Space Italy	11:30 - 12:00 Fluid-Structure Interaction application on Wind Assisted Ship Propulsion (WASP) Margarita RIERA Dassault Systèmes	
12:15 - 13:00	Manufacturing Simulation Processes Overview Alessio CROCI Dassault Systèmes	12:00 - 13:00 Electromagnetic and Structural simulations of PCB in a PLM Platform Environment Emmanuel LEROUX & Simone MEDURI Dassault Systèmes	12:00 - 12:30 Submarine Hydrodynamics and Hydroacoustics with PowerFLOW Wouter VAN DER WELDEN Dassault Systèmes	
		12:30 - 13:00 A Virtual Test Lab for Designers of Medical Devices Benedikt KÖNIG Dassault Systèmes		
13:00	Lunch Break 60-min			
Seminars and Workshops - Breakout Sessions				
14:00 - 15:00	Get Ready to Take off with MODSIM on the 3DEXPERIENCE platform Bozhidar NAYDENOV Dassault Systèmes	14:00 - 14:30 SIMULIA IVCAD Suite Overview (AMCAD Engineering) Wafae EL FENNOURI Dassault Systèmes	14:00 - 15:00 Workshop: End to End Automotive Workflow on 3DEXPERIENCE Cloud – a Live Demo Davide GHISOLFI Dassault Systèmes	
		14:30 - 15:00 Hybrid Approaches for Electrically Large Structure RCS Prediction and Analysis Mattia MAGGI Leonardo Velivoli		
15:00 - 16:00	Real-Time Model Assembly Workflow on the 3DEXPERIENCE Platform [live demo] Lorenzo CHIARBONELLO Dassault Systèmes	15:00 - 15:30 Synthesis and Analysis of RF Components with WASP-NET Raffaele SCUDERI Dassault Systèmes	15:00 - 16:00 Workshop: Seamless Aircraft Design Automation with PowerFLOW Mert YUCETEPE Dassault Systèmes	
		15:30 - 16:00 Hybrid Solver Simulation Tip & Tricks Davide TALLINI Dassault Systèmes		
16:00	End of Day 2			

Status: June 27, 2025 - Agenda subject to change

Networking – Connect to your local community

Aside from the usual breaks, we've got specific networking times planned throughout the event

Make the most of your time in Rome! Join us for an exclusive archaeological walking tour that will transport you through the heart of the Eternal City. Explore the charming Rione Monti district, with its medieval alleys and hidden gems, before stepping back in time amidst the awe-inspiring ruins of the Fori Romani. Our expert guide will bring history to life, providing a truly unforgettable experience.

18:15 Archaeological Cultural Visit: Rione Monti and Fori Romani

19:30 Evening Reception and Buffet at Chiostro San Pietro in Vincoli

SIMULIA's 20th Anniversary Celebration

Join us as we commemorate two decades of ground breaking innovation in simulation technology.

To mark this special milestone, we'll have a dedicated cake-cutting ceremony during the event. Plus, as a thank you for being part of our journey, every attendee will receive an exclusive 20th Anniversary celebration pin badge.

Come celebrate SIMULIA's past achievements and exciting future with us!

Sponsors

