

# 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 20<sup>th</sup> 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 1<sup>st</sup>
- 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 (CEST)

9:45	Registration opens   45 minutes										
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 Saipem		14:00	EMC/EMI Simulations and Analysis of Automotive Components using CST Raul BLECIC Rimac Technology		14:00	Component Fluids Performance Assessment via ModSim  To be announced To be announced		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				
14:50	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	Understanding Axial Fan Noise Generation Through Lattice-Boltzmann Simulations Francesco AVALLONE Politecnico di Torino		15:05	To be announced  To be announced To be announced	
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	Fluid-Structure-Interaction on Axial Fans  Alessandro ROSSI Dassault Systèmes		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	Electric Motorcycle Battery Pack Cooling Duty Cycle  Francesco BUFFOLI & Sebastiano TURCI Polimi Motorcycle Factory		15:55	Introducing Simpack Component for Isight  Tom BURTON Dassault Systèmes	
16:20	Break   30-min   Coffee & Snacks										
16:50	Crashworthiness Desing 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	Aerodynamic Study of a Sports Motorbike  Francesca FERRANTE Università degli Studi di Modena e Reggio Emilia		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	3D Fluid-Structure Interaction Simulation for Hydrofoil Performance Evaluation  Daniele DI CRISTOFARO Politecnico di Milano				
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	Electro-Thermo-Mechanics and Fluids ModSim of High-Current Switch Port Alessandro ROSSI & Alessandro BELLINI Dassault Systèmes				
18:05	Day 1   End of Presentations   Group Photo										
18:15	Archeological Cultural Visit Rione Monti and Fori Romani										
19:30	End of Cultural Event and walk back to University – ca. 5 min										
19:30	Evening Reception and Buffet Chiostro San Pietro in Vincoli										
22:30	End of Day 1										

Start Time (CEST)

09:00	Registration & Breakfast   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 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		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 20, 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 20<sup>th</sup> Anniversary celebration pin badge.

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

## Sponsors

