

COMMITTEES

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Valeria Seidita (University of Palermo, Italy)

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Asia/Oceania: Changjiu Zhou (Singapore Polytechnic, Singapore)

Europe: Alberto Finzi (University of Naples – Federico II, Italy)

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Local Chair: Filippo Vella

Workshops Chair : Carmelo Mineo

Publication Chair: Riccardo Rizzo

Honorary Local Chairs: Salvatore Gaglio, Antonio Chella (University of Palermo),

Finance Chairs: Alessandro Ferrera, Daniela Di Fatta

ABOUT

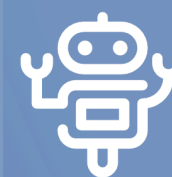
SIMPAR brings together researchers and engineers from academia and industry to identify and solve critical issues in software development for autonomous robots and to boost a smooth shifting of results from simulated to real-world applications.

SIMPAR 2025 is the 7th edition of the conference.



Pronto Tours Italia S.r.l. is the official partner of ICAR-CNR, supporting the organization of SIMPAR 2025

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SIMPAR 2025
PALERMO - ITALY



IEEE INTERNATIONAL CONFERENCE ON SIMULATION, MODELING, AND PROGRAMMING FOR AUTONOMOUS ROBOTS

APRIL 14-18 2025,
AREA DELLA RICERCA CNR, PALERMO, ITALY



www.simpar2025.org
www.simpar.org



KEYNOTES

15th April 2025

09:00-10:30

Francesco Nori

Director of Robotics at
Google DeepMind, UK



16th April 2025

09:00-10:30

Marco Dorigo

Université Libre de
Bruxelles, Belgium



14:00-14:30

Wan Kyun Chung,

IEEE Fellow
POSTECH, Korea

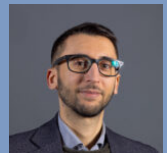


17th April 2025

09:00-10:30

Samuele Vinanzi

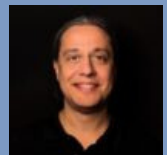
Sheffield Hallam
University, UK



14:00-14:30

Francesco Ferro

CEO PAL Robotics, Spain



	Monday 14th April	Tuesday 15th April	Wednesday 16th April		Thursday 17th April		Friday 18th April	
08:30-09:00		Registration	Registration		Registration		Self-organized Informal meetings	
09:00-09:30		Conference Opening						
09:30-10:00		Francesco Nori	Marco Dorigo	Samuele Vinanzi				
10:00-10:30								
10:30-11:00		Coffee break	Coffee break	Coffee break				
11:00-11:30		Session 1 Robotic Locomotion, Gait Planning, and Terrain Adaptation	Session 4 Human-Centric and Social Robotics	Session 2b Planning, Trajectory Generation, and Mission Strategies				
11:30-12:00								
12:00-12:30								
12:30-13:00								
13:00-13:30		Ligth Lunch	Ligth Lunch	Ligth Lunch				
13:30-14:00		Session 2a Planning, Trajectory Generation, and Mission Strategies	Wan Kyun Chung		Francesco Ferro			
14:00-14:30			Industrial Robotics forum	Workshop W1	Workshop W2	Workshop W3		
14:30-15:00								
15:00-15:30								
15:30-16:00		Session 3 Simulation Integration, Calibration, and Model-based Approaches	Industrial Robotics forum	Workshop W1	Workshop W2	Workshop W3		
16:00-16:30							Coffee break	Coffee break
16:30-17:00	Registration							
17:00-17:30								
17:30-18:00								
18:00-18:30								
	Welcome Party							
20:30-23:00			Social Dinner					

PROGRAM

Industrial Forum

Innovative Digital Technologies for Robotics
Towards Industry 5.0

16th April 2025 - 15:00-18:30

Organizer: SIRI, Italian Association of
Robotics and Automation



Social dinner

CitySea Restaurant
Marina Yachting,
Via Filippo Patti, 30
Palermo, Italy

Workshops

Theory of Mind and Emotions in Human-Robot Interaction (W1)

16th April 2025 15:00-17:30

How do people explain the behavior of robots? Epistemology of XAI and social robotics (W2)

17th April 2025 14:00-18:30

Regulating Artificial Intelligence and the European Union Artificial Intelligence Act. (W3)

17th April 2025 14:00-18:30