

I-RIM 3D Conference - VI Edition
25th-27th October 2024
Gazometro Ostiense
Via del Commercio 13, Rome, Italy

General Programme

Friday, October 25th 2024

Time	Location	Event
10:00	Entrance	Registration
10:15-10:30	Auditorium	Welcome and Introduction to the Conference
10:30-11:00		Plenary Keynote Lecture <u>Speaker:</u> Yasuhisa Hirata <u>Title:</u> Empowering human: assistive AI robots and human-centric support systems in society 5.0
11:00-12:00		Coffee break & Poster
12:00-13:30	Room 19	Workshop <u>Organizers:</u> Alessandro Ridolfi, David Scaradozzi, Gianluca Antonelli and Giovanni Indiveri <u>Title:</u> Marine Robotics Workshop
	Room 20	Workshop <u>Organizers:</u> Loris Roveda and Alessio Prini <u>Title:</u> Collaborative robotics for a natural and effective physical human-robot interaction
	Room 21	Workshop <u>Organizers:</u> Nicola Secciani, Chiara Brogi, Alberto Topini, Alessandro Ridolfi, Mihai Dragusanu, Danilo Troisi and Matteo Russo <u>Title:</u> Bridging the reality gap: can we trust upper-limb exoskeletons in clinical practice?
13:30-14:30		Lunch & Poster
14:30-16:00	Auditorium	Plenary Event in collaboration with Maker Faire

		<u>Speakers:</u> Cosimo Della Santina, Letizia Gionfrida, Arash Ajoudani and Francesco Ferro <u>Title:</u> Robotics Young Talents
16:00-17:30		Robopitch
17:30-19:00	Room 19	Workshop <u>Organizers:</u> Lorenzo Scalera, Matteo Terreran and Enrico Villagrossi <u>Title:</u> Trends and challenges in collaborative robotics: perception, motion planning and control
	Room 20	Workshop <u>Organizers:</u> Nevio Luigi Tagliamonte and Stefano Mazzoleni <u>Title:</u> Robotics for neurorehabilitation: technological advances and clinical translation
	Room 21	Workshop <u>Organizers:</u> Laura Fiorini, Maura Casadio and Andrea Orlandini <u>Title:</u> Rehabilitative and Assistive Robotics Research in Italy: The Fit4Medical Robotics Initiative
19:30		Welcome cocktail

Exhibition Area - Sala Caravaggio (Istituto Superiore Antincendi - ISA)

Organizers: Francesco Scotto di Luzio, Giuseppe Carbone, Monica Malvezzi

Attendees are welcome to explore the exhibits during all three days of I-RIM 2024.

See [here](#) for more information.



Challenges

Time	Location	Event
10:00-19:00	Gazebo	Challenge
		<u>Organizers:</u> Clemente Lauretti and Andrea Pupa <u>Title:</u> Robotics in Agriculture Challenge

		<u>Organizers:</u> Michele Focchi and Andrea Pupa <u>Title:</u> Robotic Dog Race
		Challenge
		<u>Organizers:</u> Clemente Lauretti, Michele Focchi and Andrea Pupa <u>Title:</u> Cybathlon (live stream)

Saturday, October 26th 2024

Time	Location	Event
10:00-10:30	Auditorium	Plenary Keynote Lecture <u>Speaker:</u> Tamim Asfour <u>Title:</u> Humanoid robotics – engineering general-purpose functional intelligence
10:30-11:00		Coffee Break
11:00-12:30		Plenary event in collaboration with Maker Faire <u>Speakers:</u> Alessandro Francolini, Tamim Asfour, Yasuhisa Hirata, Hermano Igo Krebs and Alfonso Celotto <u>Title:</u> Robotics and Society 5.0
12:30-13:00		Plenary Keynote Lecture <u>Speaker:</u> Hermano Igo Krebs <u>Title:</u> Robotics and AI: Pillars of the next generation of rehabilitation robotics
13:00-14:00		Lunch & Poster
14:00-15:30	Auditorium	General Assembly
15:30-16:00		Coffee Break
16:00-17:30		Plenary Session Award Finalist
17:30-19:00	Room 20	Workshop <u>Organizers:</u> Nicola Pedrocchi, Elena De Momi, Calogero Maria Oddo, Francesca Cordella, Andrea Zanchettin, Matteo Matteucci, Matteo Bianchi, Alberto Parmiggiani, Andrea Orlandini, Fanny Ficuciello, Gionata Salvietti, Gastone Ciuti and Gabriele Costante <u>Title:</u> Bringing Robotics in Ph.D. Summer Schools – Offer and approaches

	Room 21	Workshop <u>Organizers:</u> Matteo Matteucci and Gabriele Costante <u>Title:</u> Traditional Computer Vision in the Deep Learning Era
20:30	Casina Valadier (Piazza Bucarest, Villa Borghese, Rome)	Social Dinner

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Time	Location	Event
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		Challenge <u>Organizers:</u> Clemente Lauretti, Michele Focchi and Andrea Pupa <u>Title:</u> Cyathlon (live stream)

Sunday, October 27th 2024

Exhibition Area - Sala Caravaggio (Istituto Superiore Antincendi - ISA)

Organizers: Francesco Scotto di Luzio, Giuseppe Carbone, Monica Malvezzi

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