



I-RIM
2021
8 - 10 Ottobre, Roma

I-RIM 2021 Paper Awards



I-RIM 2021 Awards

- Committee:
 - Antonio Frisoli
 - Lucia Pallottino
 - Loredana Zollo
- Awards:
 - Best Paper
 - Best Student Paper
- 80 papers,
- Selections until 4 finalists per award



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Best Student Paper Finalists

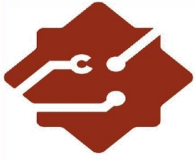
- “A Novel Framework for Multi-Agent Navigation in Human-Shared Environments”, Manuel Boldrer, Daniele Fontanelli, Alessandro Antonucci and Luigi Palopoli
- “Towards Dynamic Human-Robot Role Allocation based on Human Ergonomics Assessment”, Elena Merlo, Edoardo Lamon, Marta Lorenzini, Fabio Fusaro, Alessandro Carfi, Fulvio Mastrogiovanni and Arash Ajoudani
- “Towards a Nonlinear Model Predictive Control for Quadrupedal Locomotion on Rough Terrain”, Angelo Bratta, Niraj Rathod, Mario Zanon, Octavio Villarreal, Alberto Bemporad, Claudio Semini and Michele Focchi
- “Identification of Robot Dynamics from Motor Currents/Torques with Unknown Signs”, Marco Pennese, Claudio Gaz, Marco Capotondi, Valerio Modugno and Alessandro De Luca



WINNER

I-RIM 2021 Best Student Paper Award

“Identification of Robot Dynamics from Motor Currents/Torques with Unknown Signs”,
Marco Pennese, Claudio Gaz, Marco Capotondi,
Valerio Modugno and Alessandro De Luca



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Best Paper Finalists

- “A Human-Centered Dynamic Task Planning Approach for Human-Robot Collaboration”,
Andrea Pupa and Cristian Secchi
- “Exploiting In-Hand Knowledge in Hybrid Joint-Cartesian Mapping for Anthropomorphic
Robotic Hands” Roberto Meattini, Davide Chiaravalli, Gianluca Palli and Claudio Melchiorri
- “Plant-inspired Remote Controllable Snap-Fastener for Robotic Micromanipulation”, Isabella
Fiorello, Fabian Meder and Barbara Mazzolai
- “Virtual Prototyping of a Compliant Robotic Wrist”, Mario Baggetta, Giovanni Berselli,
Gianluca Palli and Claudio Melchiorri



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WINNER

I-RIM 2021 Best Paper Award

“Virtual Prototyping of a Compliant Robotic Wrist”

Mario Baggetta, Giovanni Berselli,
Gianluca Palli and Claudio Melchiorri