

Rezia Molfino

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Education and training

Full professor

Università di Genova - Genova - IT

Academic experience

1987 - 2018

Full professor

university of Genoa - Genoa - IT

1980 - 1987

Assistant Professor

University of Genoa - Genoa - IT

Work experience

2000 - 2016

President of SIRI (Italian Association of Robotics and Automation)

SIRI (Italian Association of Robotics and Automation) - Milan - IT
Organization of all research and didactic activities in cooperation with Italian robotic industries

2016 - ONGOING

Vice-President of SIRI (Italian Association of Robotics and Automation)

SIRI (Italian Association of Robotics and Automation) - Milan - IT
International cooperation on robotics

2000 - ONGOING

National Coordinator at IFR (International Federation of Robotics)

IFR (International Federation of Robotics) - Frankfurt - DE
Responsible for Italian Robotic statistics and new fields of robot application trends and future development

Research interests

Main research topics: instrumental robot design, kinematic and dynamic

modelling and simulation; intelligent manipulation and grasping; surgical robots, climbing robots, security robots, extreme robotics; flexible and evolvable manufacturing and automation; mechatronics, dynamics, motion control, simulation of complex systems;

Author or co-author of some 390 publications in the area of robotics and manufacturing systems.

Tutor of more than fifty PhD and degree theses on Flexible automation, Robotics and intelligent manufacturing systems design and simulation.