



PhD Course in ROBOTICS AND INTELLIGENT MACHINES

Curriculum: Robotics and Intelligent Machines for Industry 4.0

IMPORTANT NOTICE

The official rankings will be published on September 12th on the University Portal: [Dottorati di ricerca | unige.it](https://www.unige.it)

The enrollments will start on September 13th as detailed in the call (see [Dottorati di ricerca | unige.it](https://www.unige.it))

FINAL RANKINGS

Mechatronic Technologies for the Smart Factory - Intellimech & Univ. Pisa

1. DE BENEDITTIS DAVIDE
2. STRACCA ELENA
3. SILENZI SIMONE
4. MEHMOOD YASIR

Mechatronic Technologies for Intelligent Machines - Intellimech & Univ. Pisa

1. CROTTI MATTEO
2. CARADONNA DANIELE
3. SILENZI SIMONE

Swarms of Heterogeneous Soft Robots - National Research Council – ISTC

1. CARUSO EMANUELE
2. CROTTI MATTEO
3. BAJRAMI ALBIN
4. EMAM EMAD ASHRAF MOHAMED KAMEL
5. NAEEM BISMA

Planning and coordination of collaborative robot teams for manufacturing applications -
National Research Council – STIIMA

1. FAUSTI ROBERTO
2. EMAM EMAD ASHRAF MOHAMED KAMEL

Intelligent Machines for small batch production - National Research Council – STIIMA

1. PENTAKOTA LOHIT KUMAR
2. TAYYAB MUHAMMAD

New protocols and control algorithms for closer human-robot cooperation - Polytechnic University of Marche

1. BAJRAMI ALBIN
2. SAEEDANJUM
3. EMAM EMAD ASHRAF MOHAMED KAMEL

Cooperative and collaborative control for mobile manipulators – Univ. Basilicata

1. CARRIERO GRAZIANO
2. SAEEDANJUM
3. NAEEM BISMA

Learning and Control Methods for Autonomous Robots in Complex Industrial Scenarios – Univ. of Bologna

1. PASQUALI ALEX
2. TAYYAB MUHAMMAD
3. MEHMOOD YASIR

Development of CAE-based tools for electronic cams optimization – Univ. Genova

1. BALUGANI FEDERICO

Multimodal Sensing for Robot Self-aware Control – Univ. Genova

1. STAIANO MARCO
2. BAJRAMI ALBIN

Human-Robot Interaction for Industry 4.0 and Service Robotics – Univ. Naples

1. TULA SRIDATH

Optimization of collaborative robotic assembly tasks – Univ. Padova

1. CANESCHI ALESSIO
2. STRACCA ELENA
3. TULA SRIDATH

Planning and control strategies for robotic manipulators embedding elastic elements for efficient manipulation – Univ. Pisa

1. SIMONINI GIORGIO
2. CROTTI MATTEO
3. STRACCA ELENA
4. DE BENEDITTIS DAVIDE
5. CARADONNA DANIELE
6. SAEED ANJUM
7. MEHMOOD YASIR

Robotic trajectory planning for industrial sustainability – Univ. Udine

1. LOZER FEDERICO

Advanced Human-Robot Interaction and Collaboration – Italian Institute of Technology & Univ. Pisa

1. SANTOPAULO ALESSANDRO
2. DE BENEDITTIS DAVIDE
3. ZHANG HENG
4. SILENZI SIMONE
5. TULA SRIDATH