**PhD Positions in Robotics and Autonomous Systems, University of Genova, Italy.**

**Description**

The Department of Computer Science and Engineering, Bioengineering and Robotics (DIBRIS) of the University of Genova (Italy) offers 6 PhD positions and 3 scholarships for students applying for research activities in the domain (curriculum) of: *Robotics and Autonomous systems*.

We are looking for highly talented, motivated and skilled candidates to work on one of the following research topics:

1. Sensor based control of robots for human-robot cooperative operations
2. Tactile sensors for robot hands
3. Machine learning models for robot tactile sensing and perception
4. Robot manipulation of soft and flexible objects
5. Culture-aware robots and environmental sensor systems for elderly support
6. Autonomous drones and uavs for search & rescue
7. Advanced robot manipulation skills acquired via human demonstrations
8. Models for human-robot collaboration leveraging human biometric and physiological data obtained via wearable sensing suits
9. Control and planning architectures for human robot collaborative tasks


*General informations*

The PhD has a duration of three years and the scholarship amounts to 16,500.00 €/year. PhD students will also have a personal allowance of 1,650 €/year for travels and research activities.

The call for PhD positions is *now open*. The complete text of the call can be found on the website of the Universita’ di Genova: [https://unige.it/en/students/phd-programmes](https://unige.it/en/students/phd-programmes)

The deadline for the applications is *June 12th, 2019 (12:00 a.m. CET)*

Further details about the PhD programs at DIBRIS are also available on the doctorate web page: [https://www.dibris.unige.it/dottorati](https://www.dibris.unige.it/dottorati)

For specific questions related to the various curricula please refer to:

Prof. Fulvio Mastrogiovanni: [Fulvio.mastrogiovanni@unige.it](mailto:Fulvio.mastrogiovanni@unige.it)

or to the Doctorate Coordinator

Prof. Giorgio Cannata: [giorgio.cannata@unige.it](mailto:giorgio.cannata@unige.it)