

## 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

For further details on the research topics please check here: [http://phd.dibris.unige.it/biorob/media/PhD%20themes%2035o%20-%20Robotics%20and%20Autonomous%20Systems%20\(2019\).pdf](http://phd.dibris.unige.it/biorob/media/PhD%20themes%2035o%20-%20Robotics%20and%20Autonomous%20Systems%20(2019).pdf) or <http://phd.dibris.unige.it/biorob/index.php/how-to-apply>

**\*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 Università' di Genova: <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>

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)

