THE BIOROBOTICS INSTITUTE

Scuola Superiore Sant'Anna

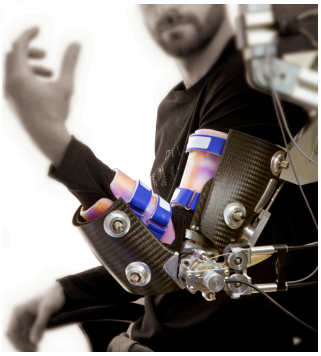
Call for **14 positions** to the three-year **Ph.D. Program in BioRobotics**

The Scuola Superiore Sant'Anna (SSSA), Pisa, Italy, announces 14 positions funded with fellowships and research grants for admission to the three-year Ph.D. Program in BioRobotics

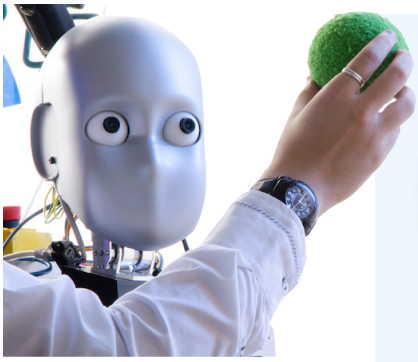
SSSA is a public university where merit and talent count. Excellence in training and research, internationalization, interaction with the job market are the objectives of SSSA. Scuola Superiore Sant'Anna offers training and postgraduate courses in Economics and Management, Law, Political Science, Agricultural Science and Biotechnology, Medicine, and Industrial and Information Engineering. SSSA is a scientific community where the academic staff and researchers interact with students through a continuous exchange of cultural, creative and intellectual ideas (www.sssup.it). The Ph.D. Program is managed by the BioRobotics Institute. Its mission is to educate the Engineer of the 21st Century: a competent, interdisciplinary, and creative inventor and entrepreneur, able to handle new technological and scientific challenges (sssa.bioroboticsinstitute.it).

WHAT ?

THE PROGRAM



The Ph.D. Program in BioRobotics is a three-year course of advanced studies and supervised research; at the end of the Program, the Ph.D. degree is conferred to students who have fulfilled the didactic requirements and passed a final examination with thesis dissertation.
The Ph.D. Program aims at educating highly competent researchers with the potential to be leaders in this area. The students will be educated in a stimulating and multidisciplinary environment, both through high level courses and through demanding, creative and original research work. Doctoral research projects will be carried out in very well equipped, state-of-the-art laboratories (in such fields as bio-robotics, micro- and nano-technology, biomimetics, prosthetics) and through individual and team work performed under the supervision of a committed full-time faculty. The students will investigate how biological systems work from an engineering viewpoint, and will make use of such knowledge to pursue challenging research projects aimed at modeling, designing and building novel components and systems for biomedical applications. At the end of the Ph.D. Program, students will possess solid scientific and engineering skills, the ability to conceive and carry out original research projects, and an autonomous entrepreneurship spirit.



WHEN ?

ADMISSION

Students are admitted to the Ph.D. in BioRobotics following a successful entrance examination. Eligible applicants must hold a Master of Science (M.Sc.) degree or equivalent title. Undergraduate students may also apply if they graduate within Oct. 31st. The Course will start Oct. 1st, 2015.

apply at **www.sssup.it/biorobotics**

The deadline for application is June 22, 2015

WHY PISA?

Pisa, a city of over 200,000 residents in its metropolitan area, is located in Tuscany, central Italy, close to other historical cities like Lucca, Florence, Siena as well as country-side, beaches and mountains (www.pisaunicaterra.it). Pisa is not only a welcoming and liveable city, frequented by tourists for its natural beauty and its monuments, but also an ideal city for students.
The Pisa University System, comprising the University of Pisa, the Scuola Superiore Sant'Anna and the Scuola Normale Superiore, is acknowledged to be one of the most prestigious centres of academic studies and research in Europe, and it promotes a unique model of multidisciplinary research and education.

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