

ITALY Delegation

Arianna Menciassi

Scuola Superiore Sant'Anna (SSSA) – The BioRobotics Institute

Viale R. Piaggio 34
56025 Pontedera (Pisa)
Italy

+39 050 883048
arianna.menciassi@santannapisa.it



Scuola Superiore
Sant'Anna

Arianna Menciassi is Full Professor of Biomedical Robotics at SSSA and team leader and research principal investigator of the “Surgical Robotics & Allied Technologies” Area at The BioRobotics Institute. Last year she was Visiting Professor at the Ecole Nationale Supérieure de Mécaniques et des Microtechniques (ENSMM) of Besançon (France), in the FEMTO Institute, and she was Visiting Professor at the ISIR Institute at the Université Pierre et Marie Curie, in Paris. She has considerable experience in leading interdisciplinary teams toward successful outcomes. Furthermore, she has a substantial devotion to training and education, both at SSSA and at the University of Pisa, having served as preceptor to 15 postdoctoral associates, 20 PhD students and ~ 50 graduate degree recipients.

She carries on an important activity of scientific management of several projects (more than 20), European and extra-European, thus implying many collaborations abroad and an intense research activity.

She is co-author of more than 370 scientific publications (more than 230 on international journals) and 7 book chapters on biomedical robots/devices and microtechnology. She is co-Editor of a book on piezoelectric nanomaterials for biomedical applications. She is also inventor of 25 patents, national and international. She has a H-index of 44 and a total of 6,370 citations according to the Scopus source.

She served until August 2013 in the Editorial Board of the IEEE-ASME Trans. on Mechatronics and she is now Topic Editor in Medical Robotics of the International Journal of Advanced Robotic Systems; she is Co-Chair of the IEEE Technical Committee on Surgical Robotics, she is the Nanotechnology Technical Committee representative of the steering committee of the IEEE Transactions on Nanobioscience.

In the year 2007, she received the Well-tech Award (Milan, Italy) for her researches on endoscopic capsules, and she was awarded by the Tuscany Region with the Gonfalone D'Argento, as one of the best 10 young talents of the region.