


DELEGATE BIOGRAPHY

Italy - Delegate Biography

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Arianna Menciassi is Professor of Biomedical Robotics at SSSA and team leader of the “Surgical Robotics and Allied Technologies” group at The BioRobotics Institute. For some months between 2013 and 2014, she was Visiting Professor at the Ecole Nationale Supérieure de Mécaniques et des Microtechniques (ENSM) of Besançon (France), in the FEMTO Institute, and Visiting Professor at the ISIR Institute at the Pierre and Marie Curie University in Paris. She has considerable experience in leading interdisciplinary teams toward successful outcomes. In terms of education, she served as preceptor to 10 postdoctoral associates, 15 PhD students and 40 graduate degree recipients. Her main research interests involve biomedical robotics, bio-hybrid systems, microsystem technology, nanotechnology and micromechatronics, with a special attention to the synergy between robot-assisted therapy and micro-nano-biotechnology-related solutions. She carries on an important activity of scientific management of several projects, European and extra-European, thus implying many collaborations abroad and an intense research activity. She is co-author of more than 270 scientific publications (more than 130 on ISI journals) and 6 book chapters on biomedical robots/devices and microtechnology. She is also inventor of 25 patents, national and international. She served 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.