


DELEGATE BIOGRAPHY

Italy - Delegate Biography

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Title/Position	Assistant Professor	
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Leonardo Ricotti is Assistant Professor of Bioengineering and Biorobotics at SSSA, and head of the “Micro-Nano-Bio Systems and Targeted Therapies” Lab, within the “Surgical Robotics and Allied Technologies” group at The BioRobotics Institute.

He holds a course on “Micro-nano-bio Systems for Medical and Technological Applications” at SSSA and he provides teaching activity support for the courses of “Rehabilitation Bioengineering” and “Biomechatronics”, at the University of Pisa. He has been supervisor of 1 B.Sc. Thesis and 11 M.Sc. Theses on bioengineering topics. He is currently the official tutor of 3 PhD students, working on bio-hybrid systems, therapeutic micro-devices and living/non-living interfaces, respectively.

His main research interests include bioengineering, biorobotics, micro-mechatronics, biomaterials, nanotechnology and bio-hybrid robotics, with a strongly interdisciplinary and curiosity-driven approach aimed at generating novel technological solutions for diagnosis and therapy.

He is currently involved in the management of 4 national and international research projects, which imply many collaborations abroad and an intense research activity.

He is co-author of more than 45 scientific publications (31 on ISI journals) and 3 book chapters on micro/nano devices for bioengineering applications. He is also inventor of 4 patents, national and international. He served as Guest Editor for “Biomedical Microdevices” in 2012 and for the “Journal of Nanoparticle Research” in 2014. He has recently appointed as Guest Editor for “BioMed Research International”. He regularly serves as reviewers for several ISI journals and he served as reviewer twice for the European Research Council (ERC). He is member of the Institute of Electrical and Electronics Engineers (IEEE).