

## **Silvestro Micera**

Silvestro Micera is currently Professor of Biomedical Engineering at the Scuola Superiore Sant'Anna (SSSA, Pisa, Italy), and Associate Professor of Biomedical Engineering at the Ecole Polytechnique Federale de Lausanne (Lausanne, Switzerland) where he is holding the Bertarelli Foundation Chair on Translational NeuroEngineering. He received the University degree (Laurea) in Electrical Engineering from the University of Pisa, in 1996, and the Ph.D. degree in Biomedical Engineering from the Scuola Superiore Sant'Anna, in 2000. From 2000 to 2009, he has been an Assistant Professor of BioRobotics at the Scuola Superiore Sant'Anna where he is now Professor and the Head of the Translational Neural Engineering Area. In 2007 he was a Visiting Scientist at the Massachusetts Institute of Technology, Cambridge, USA with a Fulbright Scholarship. From 2008 to 2011 he was the Head of the Neuroprosthesis Control group and an Adjunct Assistant Professor at the Institute for Automation, Swiss Federal Institute of Technology, Zurich, CH. In 2009 he was the recipient of the "Early Career Achievement Award" of the IEEE Engineering in Medicine and Biology Society. From 2011 he is Associate Professor and Head of the Translational Neural Engineering Laboratory at the EPFL.

Dr. Micera's research interests include the development of neuroprostheses based on the use of implantable neural interfaces with the central and peripheral nervous systems to restore sensory and motor function in disable persons. In particular, he is currently involved in translational experiments for hand prosthesis control in amputees, and the restoration of vestibular function, grasping and locomotion in different neurological disorders.

He is author of more than 100 ISI scientific papers and several international patents. He is currently Associate Editor of IEEE Transactions on Biomedical Engineering and of IEEE Transactions on Neural Systems and Rehabilitation Engineering. He is also member of the Editorial Boards of the Journal of Neuroengineering and Rehabilitation, of Journal of Neural Engineering, and of the IEEE Journal of Translational Engineering in Health and Medicine.

