



Bioelectronics & Neuroengineering Seminar Series

Technologic advances in functional neurosurgery for movement disorders: historic timeline, state-of-art, future developments

Scuola Superiore Sant'Anna | Pisa,
Aula 1 (Polo Sant'Anna Valdera)
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Biography: Dr. Romito is an experienced neurologist and researcher at the Department of Movement Disorders Carlo Besta Neurological Institute Foundation, Milan, Italy. His main research interests are the neurophysiopathology of the motor system, the development and application of innovative technological therapies for movement disorders (functional neurosurgery, infusion therapies, molecular biology, kinematics and wearable technologies, applications of robotics and Artificial Intelligence to diagnosis and treatment of movement disorders).

He got a PhD in neuroscience from the department of Pharmacology of the Catholic University in Rome. From October 2007 to September 2008, he carried out the EFNS - European Federation of Neurological Societies Fellowship for the research on "Deep Brain Stimulation in Tourette's Syndrome" at the Department of Neuroscience (Prof. Pierre Pollak), Joseph Fourier University of Grenoble, France. He is author and co-author of more than 164 peer-reviewed publications on indexed international journals.