



Prof. Lee E. Miller

Dr. Lee E. Miller is a Distinguished Professor of Neuroscience in the Departments of Neuroscience, Physical Medicine and Rehabilitation, and Biomedical Engineering at Northwestern University. He was inducted into the American Institute for Medical and Biological Engineering in 2016 and is the current president of the Society for the Neural Control of Movement. Dr. Miller has had a career-long interest in the signals generated by neurons during arm movement. In the past 10 years, his lab has increasingly focused on translational research, including the use of brain machine interfaces to restore movement and sensation to spinal cord injured patients.



Dr Paul A. Wanda

Dr. Paul A. Wanda is Engineer and Project Manager with Blackrock Microsystems Europe GmbH (BRME) based in Germany and a lead BRME investigator for the B-CRATOS project, focusing on implantable neural interface development, system integration, and commercialization activities. Prior to joining Blackrock, Paul was Research Project Manager at the University of Pennsylvania for the multi-center DARPA Restoring Active Memory (RAM) project to develop closed-loop brain stimulation technologies to restore memory in individuals suffering from traumatic brain injury. Paul earned his PhD in Biomedical Engineering from Washington University in St. Louis where he studied human motor learning and adaptation, followed by post-doctoral work at Northwestern University, studying the neural bases of sensorimotor uncertainty.



Prof. Gaetano Liberti

Dr. Gaetano Liberti is neurosurgeon at the Operative Unit of Neurosurgery of the AOUP Hospital of Pisa and, since 2019, the head of the neurosurgery department of the University Hospital of Pisa. In these years of activity in the AOUP, Dr. Liberti has perfected and refined his surgical experiences performing different surgical procedures on complex vascular and tumoral pathologies of the Brain, developing the use of endoscopic techniques in neurosurgery, especially minimally invasive access to the skull base. In 2016 he began a collaboration with the Scuola Superiore Sant'Anna of Pisa under the coordination of Professor C. Carrozza for the implementation in neurosurgery of innovations and applications of Robotics. In 2018 this collaboration continued with Prof C. Clementi for the creation of a research laboratory and practical applications on patients of the clinical innovations in this field.