Maurizio Mattia is a researcher at the National Center for Radioprotection and Computational Physics of the Istituto Superiore di Sanità (Italian Institute of Health) in Rome (Italy) and since 2019, is adjunct professor of Neural Networks at the Department of Physics of the "Sapienza" University of Rome. His current scientific activity is mainly focused on bridging the gap between theory and experimental evidence on cortical network dynamics, by developing innovative data analyses and computational approaches. He has published more than 50 papers in journals such as Neuron, Cell Reports, Physical Review Letters and Cerebral Cortex. Since April 2016, he is a core member of the FET flagship Human Brain Project (Specific Grant Agreement 1, 2 and 3 – HBP-SGA1, SGA2 and SGA3). He has been also part of the editorial board of journals such as Frontiers in Computation Neuroscience and PLoS Computational Biology.