
MICHELE GIUGLIANO

CV

PARTICIPANT AT:

A DIALOGUE WITH THE CEREBRAL CORTEX: CORTICAL FUNCTION AND INTERFACING

April, 29th-30th, 2015, Barcelona

Michele Giugliano, Principal Investigator at the **Antwerp University**, Antwerpen, Belgium

Associate Professor of Computational Neuroscience at the University of Antwerpen and visiting academic at the Department of Computer Science of the University of Sheffield (UK) and at the Brain Mind Institute of the Swiss Federal Institute of Technology of Lausanne (Switzerland). Trained as an Electronic Engineer, specialized in Biomedical Engineering, received a 5 years laurea-degree summa cum laude, from the University of Genova and a PhD in Biophysics and Computational Neuroscience in 2001 from the Politecnico di Milano (Italy) with a PhD in Bioengineering. Long-term postdoctoral fellow of the Human Frontier Science Program Organization was postdoc at the Faculty of Medicine of the University of Bern (Switzerland) and Junior Group Leader at the Brain Mind Institute of the EPFL. President of the Belgian Society for Neuroscience from January 2014 to December 2015, partner and coordinator in several EU-funded projects, including the ongoing BRAINLEAP, ENLIGHTENMENT, MERIDIAN and NAMASEN projects.

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ABSTRACT

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Probing Neuronal Dynamical Response Properties

He will discuss conventional approaches and future enabling technologies to probe dynamical response properties of neurons, particularly focusing on the way fast or spatially correlated input fluctuations are conveyed in neuron output spike trains.

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