



AVVISO DI SEMINARIO

Martedì 14 Novembre 2017, h. 12:00

Aula Magna dell'Università degli Studi Napoli *Parthenope*
(sede del Centro Direzionale di Napoli, Isola C4, 80143 Napoli)

Complex Network-based Quantitative Methods Applied to the Study of Neurodegenerative Diseases

Roberto Bellotti, Università degli Studi di Bari “Aldo Moro”

Roberto Bellotti is full professor in Applied Physics and director of the Medical Physics School at the Università degli Studi di Bari “A. Moro”. His current scientific interests concern medical physics and the signal and image processing by means of Machine Learning techniques. He is (co)author of over 300 publications in international journals, including Nature, Science, Neuroimage and Medical Physics. He has been in charge of research projects (EU ERDF and Social Funds projects) for an overall value exceeding 10 million Euro, executed by the University of Bari and the National Institute of Nuclear Physics.

Modeling Brain Connectivity with Complex Networks in Structural MRI

Nicola Amoroso, Università degli Studi di Bari “Aldo Moro”

Nicola Amoroso graduated cum laude in 2010 in Physics at the Università degli Studi di Bari “A. Moro”, where he obtained also his PhD in Applied Physics. He currently has a Post-Doc position for the study, development and test of complex network solutions according to the cloud computing paradigm, to support neuroimaging data analyses. He is involved in a research project (nextMR) on neuroimaging funded by the Istituto Nazionale di Fisica Nucleare (INFN).