

Matteo Frascini was born in Cagliari (Italy) in 1973. He is Associate Professor in Computer Engineering at University of Cagliari. Since 2006 he was Assistant Professor of Computer Engineering at University of Cagliari. He graduated at the Faculty of Engineering (University of Cagliari) in 2000 and from 2003 was a full-time researcher at the Faculty of Medicine and Surgery (University of Cagliari). From 2012 he is member of the Board of the PhD school in Electrical Engineering and Computer Science at the University of Cagliari and supervisor of several Ph.D. Students. From 2017 he is member of the Board of the Faculty of Engineering and Architecture at University of Cagliari and of the Council of the Department of Electrical and Electronic Engineering.

The research activity is in the field of biomedical signal analysis and processing with a particular interest in the study of the functional connectivity mechanisms and the organization of the brain network in EEG and MEG signals.

The research topics can be divided into two main strands:

1. Understanding the effects of methodological choices in the estimation of functional connectivity.
2. Application of complex network science tools to clinical data, with particular emphasis on brain disorders such as epilepsy, multiple sclerosis and amyotrophic lateral sclerosis.

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