

## Monash-Padua Workshop on Brain Connectivity

### UNIPD principal investigator

Michele Allegra, Researcher, Padua Neuroscience Center and Physics Department

### Monash principal investigator

Alex Fornito, Professor and Viertel Fellow, School of Psychological Sciences

### Other applicants

Maurizio Corbetta, Professor and Chair of Neurology, Department of Neuroscience, University of Padua  
Mark Bellgrove, Professor in Cognitive Neuroscience, School of Psychological Sciences, Monash University  
Professor Gustavo Deco, Honorary Professor, School of Psychological Sciences, Monash University

### Instrument

Joint master's and/or doctoral training workshop

### Description

This project aims at joining efforts between Monash University and University of Padua to organize a workshop bringing together scientists, including doctoral students, focusing on brain connectivity from different angles and with disparate approaches. To this aim, we can profit from the wide spectrum of expertise obtained by joining scientists from the two institutions.

A range of presentations from staff from senior to junior levels are planned.

The proposed workshop will allow staff and doctoral students from each site to present their work in the context of an international workshop. Thus the goals of the workshop align with the internationalisation goals of UNIPD and Monash and will allow staff and student at each site to promote their work and engage in collaborative discussions. Workshop presentations will be recorded and can be made available via relevant professional societies, thereby further enhancing the international reputation of each University.

The first workshop will be an educational event for all doctoral students and staff. It is anticipated that discussions with highlight potential points of collaboration. These topics for discussion/ collaboration will be followed up in a second workshop in which the attendees can start to scope collaborative projects. In the second half of the 2022, we plan to organise doctoral student exchanges (Monash to UNIPD; UNIPD to Monash) to deepen the collaborations and for knowledge sharing activities. Students will then return to their home University and disseminate the knowledge gained during their overseas visit.

### Expected results

This project will develop a collaborative and knowledge sharing platform that will allow students from each site to exchange, acquire new knowledge, and then disseminate this knowledge at their home campus upon their return. It will establish a collaborative network that will deepen further over time and will result in collaborative projects and joint funding opportunities. It will establish Monash and UNIPD as international leaders in the advanced analysis of imaging data with direct relevance for understanding the brain in health and disorder.