

Email: CALL FOR PROPOSAL

ADRIATICA2019 Summer School
Body, senses and neural oscillations: an integrated approach to human perception and behaviour

June 3rd – 8th, 2019
Pescara, Italy

<https://www.cimec.unitn.it/node/828>

We invite applicants to attend the summer school on "*Body, senses and neural oscillations: an integrated approach to human perception and behaviour*", a joint initiative of the Institute for Advanced Biomedical Technologies (ITAB), University "G. d'Annunzio" of Chieti-Pescara and the Center for Mind/Brain Sciences (CIMEC), University of Trento.

The Summer School will take place in Pescara, Italy, at a wonderful four-star hotel by the Adriatic Sea, from June 3rd to 8th 2019.

Topics

The school will address, in a multi-scale approach, the interaction between the body and the neural dynamics that support human perception and behaviour. More specifically, we will cover the following topics:

- How the brain integrates information from the body and the environment, with focus on the synchronization of neural oscillations locally and at large-scale
- How neural oscillations provide a temporal code for multisensory information processing;
- How brain-body information transfer can be modelled and measured.

The school is structured as a study retreat and the programme will give the students the opportunity to:

- debate with world-leading experts from different fields: experimental psychology, cognitive neuroscience, neurophysiology, physics and neural modelling.
- Work on a "mock" research project under the supervision of the same experts
- learn a key practical challenge in this area on how collecting data from different sources and combine the information in a coherent way (data fusion).
- discuss about how following an open data sharing-oriented standard for dataset representation is a way to both properly integrate diverse pieces of information and collate contributions from different domains

Confirmed Speakers & Workshop Leaders:

Marcello Costantini, University of Chieti-Pescara, Italy

Luca Faes, University of Palermo, Italy

Francesca Ferri, University of Chieti-Pescara, Italy

Uri Hasson, University of Trento, Italy

Vittorio Iacovella, University of Trento, Italy

Laura Marzetti, University of Chieti-Pescara, Italy

Vittorio Pizzella, University of Chieti-Pescara, Italy

Roy Salomon, Bar Ilan University, Israel

Simone Schütz-Bosbach, LMU Munich, Germany

Salvador Soto-Faraco, UPF, Barcelona, Spain

Virginie Van Wassenhove, EITN, Paris, France

Further information

We aim to accept a maximum number of 40 students to the Summer School.

Your application will be evaluated by the members of the organizing committee according to (a) the motivation letter, (b) the relation between your past research experience and the topics of the school, and (c) the quality of the proposed abstract.

Accepted applicants are requested to pay a registration fee of **450 Euros** that will cover the costs associated with **accommodation for five nights** (check-in Sunday 3rd June, check-out Friday 8th June), **lunch for all days** (Monday to Thursday), **dinner for three nights** (Sunday, Monday, Friday)

The application form, motivation letter and abstract templates can be downloaded here [website](#)

Deadline: Submit the filled application form, the motivation letter and the abstract to adriatica2019@unich.it by Monday April 15th, 2019.

We look forward to your applications.

Marcello Costantini, Francesca Ferri, Laura Marzetti, Carlo Miniussi, Vittorio Pizzella