

## PROGRAMMA SCIENTIFICO

### SABATO 28 NOVEMBRE 2020

09:00-10:20

#### **SIMPOSIO**

##### **Recent advances from multimodal approaches in the understanding and the diagnosis of consciousness disorders**

*Chair Leonor Josefina Romero Lauro (Università di Milano-Bicocca)*

*Silvia Casarotto (Università degli Studi di Milano)*

**Toward a hierarchical neurocognitive model of consciousness.  
Evidence from graph-analysis in severely brain-injured patients**

*Gerardo Salvato (Università degli Studi di Pavia)*

**The role of neurophysiology in the diagnostic and prognostic evaluation  
of disorders of consciousness**

*Angela Comanducci (IRCCS Fondazione Don Carlo Gnocchi, Milano)*

**Complementing the standard clinical approach with TMS-EEG improves  
the assessment of disorders of consciousness**

*Erica Varoli (IRCCS IsMeTT, Palermo - Milan Centre for Neuroscience, Milano)*

*Vincenza Lo Re (IRCCS IsMeTT, Palermo)*

10:20-11:00

#### **LETTURA MAGISTRALE**

##### **Neural population coding and perceptual decision making**

*Chair Massimiliano Valeriani (Ospedale Bambino Gesù, Roma)*

*Prof. Stefano Panzeri (Centro di Neuroscienze e Sistemi Cognitivi dell'IIT, Rovereto)*

11:00-11:10

*Virtual Coffee Break*

11:10-12:30

#### **SIMPOSIO**

##### **Cerebellar neuromodulation: from neurophysiology to clinical applications**

*Chair Massimiliano Oliveri (Università degli Studi di Palermo)*

*Vincenza tarantino (Università degli Studi di Palermo)*

**Non-invasive stimulation of the cerebellum on cortical excitability and  
cognitive-motor functions: a therapeutic and diagnostic tool**

*Antonino Naro (IRCCS Centro Neurolesi Bonino Pulejo, Messina)*

**Cerebellar transcranial direct current stimulation (tDCS) in Movement Disorders**

*Roberta Ferrucci (Università degli Studi di Milano)*

**Cerebellar theta-burst stimulation in the recovery of stroke**

*Elias P. Casula (University College London)*

**Functional role of cerebellar gamma frequency in procedural motor learning: a tACS study**

*Andreina Giustiniani (Ospedale San Camillo IRCCS, Venezia)*

12:30 - 13:00

#### **PREMIAZIONI E SALUTI FINALI**

*Chair Marina De Tommaso (Università degli Studi di Bari)*

*Massimiliano Valeriani (Ospedale Bambino Gesù, Roma)*

#### **PREMIO SIPF JUNIOR 2020**

**Emotionotopy in the human right temporo-parietal cortex**

*Giada Lettieri (IMT School, Lucca)*