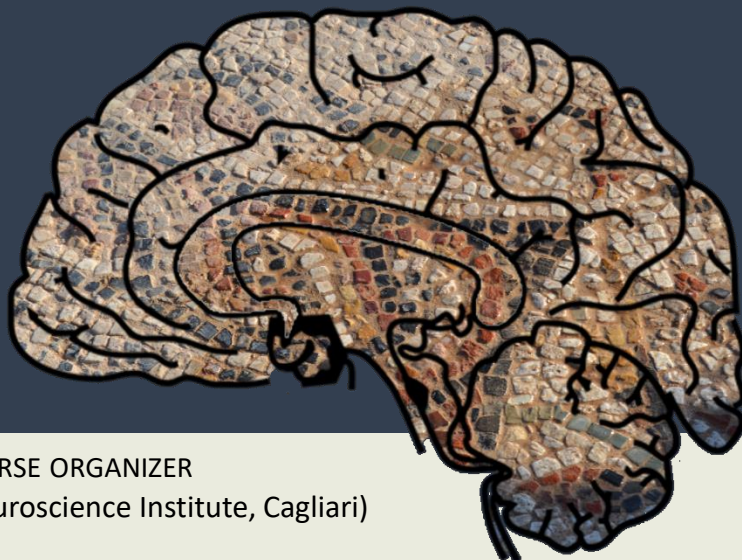




# ADVANCED IMAGING TECHNIQUES

29-30 September 2017  
S. Margherita di Pula (Cagliari), Italy



TRAINING COURSE ORGANIZER  
Anna Lisa Muntoni (CNR Neuroscience Institute, Cagliari)

*From single cells to neuronal networks: different but complementary approaches to visualize - and try to understand - brain complexity in physiology and pathology*

## Friday 29 September

8:30-9:20

### **Gian Michele Ratto**

CNR Nanoscience Institute and NEST, Scuola Normale Superiore, Pisa, Italy

*A window with a view: order and chaos in the brain visualized by two photon microscopy*

9:20-10:10

### **Giorgio Carmignoto**

CNR Neuroscience Institute, Padova, Italy

*Optogenetic dissection of interneuron-type-specific signaling to astrocytes*

10:10-10:30

### **Tommaso Cerullo**

Leica Microsystems Srl, Milano, Italy

*Diving for deeper insights*

## Saturday 30 September

8:30-9:20

### **Xin Yu**

Max Planck Institute for Biological Cybernetics, Tübingen, Germany

*Concurrent multi-site calcium recordings and brain imaging: study of dynamic connectivity related to system and brain state fluctuation*

9:20-10:30

### **Federica Agosta**

Scientific Institute San Raffaele, Milano, Italy

*Neuroimaging insights into network-based neurodegeneration*

10:30-11:30

### **Imaging Brainstorming**

CNR Neuroscience Institute, Italy

Letizia Allegra Mascaro (Firenze),

Pietro Avanzini (Parma),

Konstantinos Lefkimmiatis (Padova)

