The School aims to provide practical and theoretical training on the application of a large spectrum of techniques to neuroscience. The course will have sessions with tutorial lectures and sessions with hands-on practicals.

**Admission** will be based on scientific/academic qualifications. Master’s level students are strongly encouraged to apply. The admission fee is € 1000. 15 scholarships from SISSA will be available. Send your application, including a short CV and motivation letter, to the Secretariat of the School: lough@sissa.it

**DEADLINE FOR APPLICATIONS:** May 11th 2017

**TOPICS**
- Basic Electrophysiology
- Imaging and optical recordings
- Optical tweezers microscopy for single cell neurobiology
- Single molecule imaging and single cell handling with Atomic Force Microscopy
- Basic Structural Biology

**LECTURERS**
- Laura Ballerini – SISSA (Italy)
- Loredana Casalis – Elettra (Italy)
- Dan Cojoc – CNR (Italy)
- Marco Lazzarino – CNR (Italy)
- Silvia Onesti – Elettra (Italy)
- Vincent Torre – SISSA (Italy)

**INVITED SPEAKERS**
- Catherine Vénien-Bryan – IMPMC, Pierre and Marie Curie University, Paris, France
- Michele Giugliano – University of Antwerp, Belgium
- Jing Hu – Heidelberg University, Germany