



Sunday, February 16

5:30 PM – 7:00 PM

Room 33A

ELEMENTS SRL

Low-Noise, Handheld Amplifiers for Electrophysiology and Nanopore Applications

Ultra-portable and cost-effective amplifier technology is now a reality accessible to any electrophysiology research lab, thanks to Elements miniaturized products, based on our custom CMOS microchips.

In this presentation, we will be featuring our latest products through the hands-on experience of current customers from the US, Europe, and Japan. You will hear first-hand accounts about their research and the results they got using:

- The world's smallest integrated patch clamp amplifier, ePatch
- A handheld nanopore kit for nanoparticle detection using disposable glass nanopore chips, eNPR

Attend this presentation to learn about:

- The advantages of using a versatile and compact nano-current amplifier technology
- Portable nanopore solution for protein detection using disposable nanopore chips
- How the world's smallest and cheapest patch clamp amplifier is radically changing patch-clamp measurements
- Different user experience ranging from patch-clamp on live cells, to exosome detection using solid state nanopores, as well as lipid bilayer experiments

Complimentary Italian hors d'oeuvres and drinks will be served. Seating is limited.

Speakers

Federico Thei, Chief Executive Officer, ELEMENTS SRL

Alessandro Porro, Application Scientist, ELEMENTS SRL

Guilherme Henrique Bomfim, Researcher, New York University

Nelly Mnatsakanyan, Assistant Professor, Yale University

David Niedzwiecki, Scientist, Goeppert LLC

Mark Platt, Senior Lecturer, University of Loughborough

Masato Nishio, Tokyo University