



Sunday, February 16

12:30 PM – 2:00 PM

Room 33C

Sutter Instrument

Scientists Empowering Scientists

For over 45 years, Sutter Instrument has been collaborating with researchers. During this period, there have been many technological evolutions in patch clamp electrophysiology, and Sutter has introduced many new product families, including pipette pullers, manipulators, light sources, wavelength switchers, specialized microscopes and, most recently, fully integrated patch clamp amplifier systems. At this presentation, we will teach techniques, tips and tricks, and showcase new features, such as dynamic clamp capability.

The IPA[®], Double IPA[®] and new dPatch[®] Ultra-fast, Low-noise Integrated Patch Clamp Amplifiers and SutterPatch[®] Software are being used for a variety of common experiments, including characterization of ionic current and recording synaptic events in tissue slices. We will demonstrate how the SutterPatch Software's online measurements and sophisticated control of experimental workflow can be used to aid real-time decision-making and eventually simplify analysis.