



ALLEN INSTITUTE *for*  
BRAIN SCIENCE

June 20-21, 2019  
Allen Institute  
Seattle, WA

# NEUROPIXELS WORKSHOP

Neuropixels probes represent a major advance in neural recording technology. Developed by IMEC in collaboration with the Allen Institute, University College London, and Janelia Research Campus, these probes can simultaneously measure spiking activity from hundreds of neurons distributed across the brain.

**Apply to join us on June 20-21, 2019, to learn how to run acute electrophysiology experiments with Neuropixels probes and how to analyze the data using open-source software.**



The workshop will consist of both interactive seminars and hands-on training sessions, with the goal of teaching you the skills required to set up Neuropixels experiments in your lab. Emphasis will be placed on multi-probe recordings, which take advantage of the unique capabilities of Neuropixels technology.

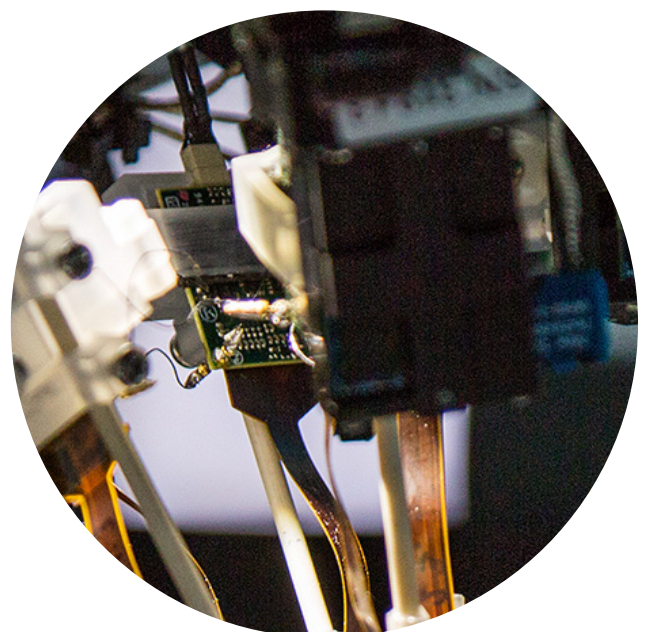
## Workshop topics include:

### *Neuropixels Hardware*

- What tools you'll need to buy to use Neuropixels in your lab
- Best practices for handling and maintenance
- Probe alignment and insertion

### *Software*

- Data acquisition with Open Ephys and SpikeGLX
- Spike sorting with Kilosort and phy
- NWB files and the AllenSDK



For more information  
and to apply, visit us online

[alleninstitute.org/neuropixelsworkshop](https://alleninstitute.org/neuropixelsworkshop)