



ALLEN INSTITUTE *for*  
BRAIN SCIENCE

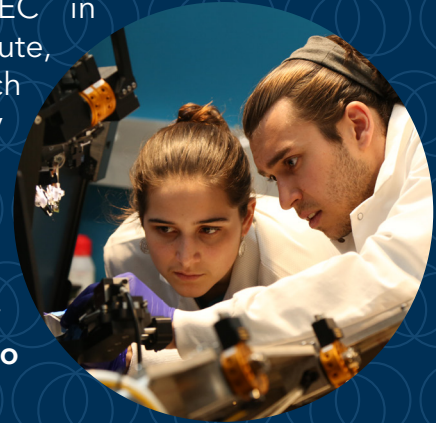
**June 18-19, 2020**

Allen Institute  
Seattle, WA

# NEUROPIXELS WORKSHOP

Neuropixels probes were developed by IMEC in collaboration with scientists at 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 by April 1 to join us on June 18-19, 2020, 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 and run multi-probe recordings, which take advantage of the unique capabilities of Neuropixels technology.

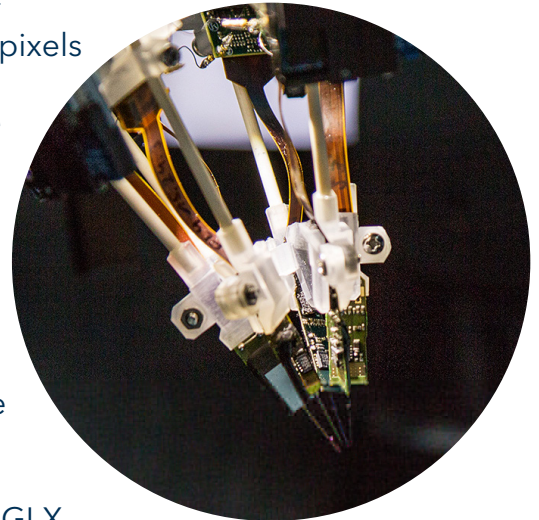
## **Workshop topics include:**

### ***Neuropixels Hardware***

- What tools you'll need 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 by April 1, visit:

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