

## Analyzing Noise from a Cortex Level Neural

Array

Sensor, Signal and Information Processing Center

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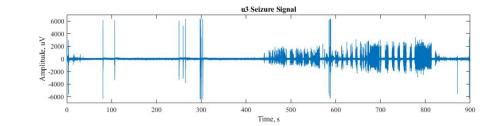
- The thin-film array consists of 32 sites with 3 different sizes (40 µm, 1 mm and 2.25 mm in diameter)
- Seizures were medically induced and data was collected at the same sites
- Compared the signals from between two states and from site to site

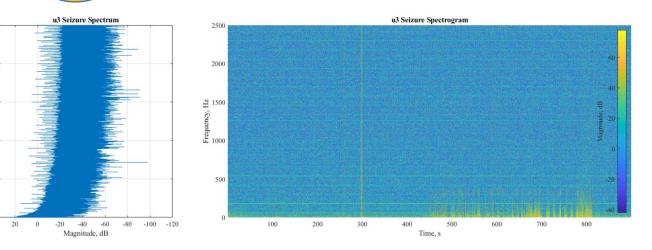
2000

N 1500

E 1000

- Students will analyze graphical representation of neural activity
- Additional focus on applications of area and graph analysis for students in STEM







Sensor Signal and Information Processing Center http://sensip.asu.edu

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