

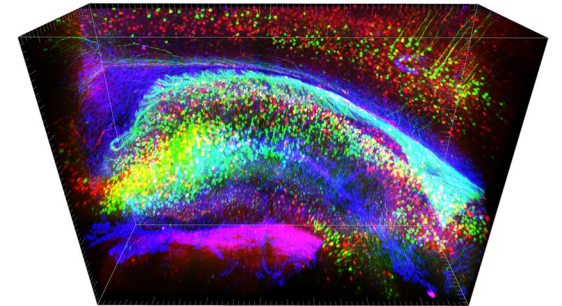
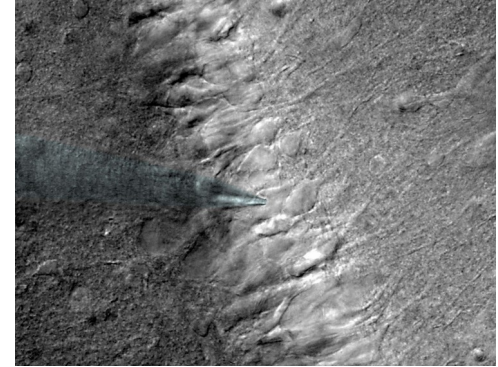


DIY EEG

- I. Methods in Neuroscience
- II. What is EEG?
- III. What's a neuron?
- IV. How can we use EEG?

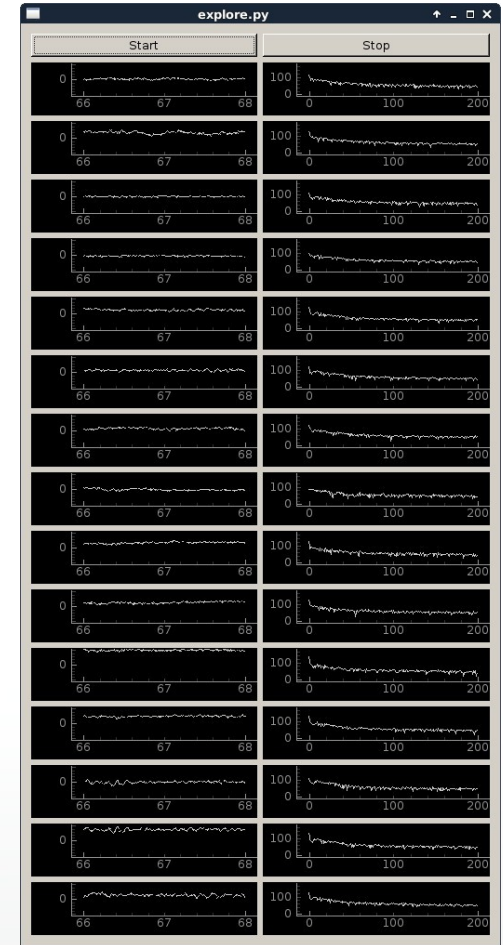
Methods in Neuroscience

- Hans Berger – 1924
- Diagnostics???
- Patch clamp
- MEG
- CT/CAT Scan
- MRI/fMRT
- CLARITY – Stanford
- Et al.



More on EEG

- 10 – 100 microvolts
- Instrumentation amplifier
- Analog – digital converter
- Sources of noise
- Hardware/software filters
- DSP & Feature extraction



Start to play

- Open EEG Project
- OpenBCI
- Instructables
- Lots of other open source software and hardware schematics out there to explore

