Attendance:

Everyone

Meeting with Evan

* Constant current circuit not constant current
* Simulation is fine but actual circuit is different
* Something might be wrong with the transistor
* Overview of presentation guidelines
  + Sample size
  + Look in literature for number of samples
  + Ask Abi Datta, CTO of Soterix, for bench data
    - Find ccny email
* Bench test
  + Hook up to oscilloscope to measure data
  + Possible spec for impedance to not exceed a certain amount
  + Find a possible replica of a human head
* Discuss measuring impedance by just measuring through electrodes directly on the head
* PCB printed at EE department
  + Plan B is to use a mini breadboard
* Evan states that our specs are easy to measure
* Possibly include a comfortability scale on our PDS
  + SUS testing

Tasks:

Rad: Look into mosfets

Carim: Look into boost converters for higher impedance

Shalih: Update the BOM

Eric: Test different montages for lower impedance

David: Look into designing chin strap