**Building an amplifier for EEG**

Parts (for two teams)

* 8x 47K resistors
* 4x AD623N OpAmp
  + http://www.analog.com/media/en/technical-documentation/data-sheets/AD623.pdf
* 4x 33K resistor
* 4x 10K resistor
* 4 x 10mF capacitor
* 8 x TLC2272344P OpAmp
  + <http://www.ti.com/product/TLC2272>
* 4x 2.2M resistor
* 4 x 560pF capacitor
* 4 x 1K resistor
* 4 x 220 microF capacitor
* 4 x RCA plug compatible with breadboard/Arduino
* 8 x patch electrodes (or more if we need more)
* 8 x crocodile clips for attaching to patch electrodes
* Electrode gel
* 8 x head-bands