Prototype we are presenting to panel on March 17th: Distributed wired EEG system on breadboard/ Perfboard

* 3 AgCl Wet electrodes, 2 for measuring, 3rd is for Driven Right Leg
* Electrodes connected to ADS1299 evaluation board: 2 channels in use, 24 bit ADC, what sampling rate am I using? Gain setting?
* ADS1299 connected to a microcontroller what port? SPI? (Raspberry Pi 2, programmed using Python, powered by PC connection)
* Microcontroller SPI output to a PC via USB
* Visualisation of EEG signals and frequency analysis etc Kieran give some details

Intermediate: Wireless EEG PCB, our aim by end of 8 weeks

* Replace ADS1299 with ADS1229-8 (smaller version of same chip)
* Replace Raspberry Pi with a microcontroller that has inbuilt Bluetooth capability (e.g. ublox: ANNA or NINA or NORA chip)More specific specs of these
* Bluetooth Low energy module inside microcontroller connects to phone app (Details of this app’s features?)
* Will there be any changes to electrodes side of things? Different type of electrode? More than 3?

Final product: Small Wireless EEG sticker

* Replace the battery pack/ big battery with a thin film Li battery
* Nanofabricated circuit
* Are the gold traces printed directly onto the sticker, or onto a substrate which then attaches to the sticker?
* More changes in electrode-side?