**ME176: Data Collection**

*Data format: participant\_number + \_ + participant\_intials + \_ + year\_month\_day*

*E.G. 2660\_ED\_ME160\_2017\_08\_28\_ini...*

**Pre-MEG**

* Trigger Check (use test\_triggers.py)
* Check Button Box (Keypad: Yellow)
* Change photodetector to ch. 209 & adjust threshold
* Empty-room recording (save as XXXX\_XX\_XX\_emptyroom.con)
* Turn on sound (change default sound on STIM2 to Analog(5+6))

**Headshape:**

* Polhemus with nose and eyes
* IO scanner (2 minutes) + email to robert.seymour@mq.edu.au

**Paradigm Files**

* STIM2
* D:/BHPC\_Files/ME174/aliens\_for\_paul
* Open Psychopy2

**MEG:**

* Marker Coil Measurement 1 (save as XXXX\_XX\_XX\_rs\_PRE.mrk)
* Resting-State (5 mins)
  + rs\_MEG.py
  + Record MEG data → Space to start
  + Save as XXXX\_XX\_XX\_rs.con
* Marker Coil Measurement 2 (save as XXXX\_XX\_XX\_aliens\_PRE.mrk)
* Aliens Task (12 mins)
  + Aliens\_for\_paul.py
  + Enter participant information (run = 1)
  + Record MEG data → Space to start
  + Save as XXXX\_XX\_XX\_aliens.con
* Marker Coil Measurement 3 (save as XXXX\_XX\_XX\_col\_gratings\_PRE.mrk)
* Colored Gratings (8 mins)
  + Lilac\_lime\_grating.py
  + Record MEG data → Space to start
  + Save as XXXX\_XX\_XX\_col\_grating.con
* Marker Coil Measurement 4 (save as XXXX\_XX\_XX\_col\_gratings\_POST.mrk)