

Experiment Checklist (Wake, Feb 23)

- Short explanation / questions; consent form
- Phones: BT off
- Dim lights, only enough to set up
- EEG prep
 - cap M or L
 - positions in order: L-H-EOG, R-V-EOG, TP10, O1, O2, POz, M-EOG, EOG-PD
 - mask cables: blue → face, red → EOG-PD, AF4 → EOG
 - cover eyes with mask during prep
 - impedance check, below 15
 - 1000 Hz
- ok to open eyes and talk between recordings; during recordings (after screening), keep closed
- sit comfortably, relax face muscles

Conditions in order:

- 3-5 min break between conditions; record on laptop, CSV
- Illuminance:
 - 12 lux (10 kOhm)
 - 40 lux (3 kOhm)
 - 70 lux (<1 kOhm)
 - 100 lux (>0.5 kOhm)
 - run full analysis → determine cut-off value (SNR>2 for SSVEP with linear interpolation and FFT)

Short break; set to illuminance cut-off

- Eye movements
 - metronome before trial & mid-way (45 bpm, medium speed)
 - uneven subject nr → horizontal first, then vertical; even subject nr → vice-versa
- Blackout