

Scientific equipment managed by the Human Neuroscience Platform
Listed by facilities

MRI

- MRI 3 Tesla
- MRI 7 Tesla - *In collaboration with CIBM*
- Mock scanner
- Research assistant

MEEG-BCI

- MEG: MEGIN Triux Neo - *In collaboration with NCCR Evolving Language*
- Shielded Experimental booth for EEG
- 256-ch. EGI GES400 + booth
- 128-ch. ActiCHamp
- 64-ch. BrainAmp MR+
- Krios Electrode Localizer
- Wearable sensing DSI24
- 64-ch. ANT Neuro
- Expert or Engineer time (development)

Psycho-physiology

- Experimental booth
- Eye-tracking system (+ booth)
- Expert or Engineer time (development)
- Biopac MP36R
- Biopac MP160 (Bionomadix)

VR & Robotics

- VR & Motion Capture (Room H4.02)
- HoloLens 2
- HTC Vive Pro Eye
- Oculus Quest 2
- Tablets
- Booth with computer for VR
- Motion Capture system in the MRI
- Xsense mocap
- Quattrocento HD-EMG
- Expert or Engineer time (development)

CSRU

- V-amp EEG system + room
- Avatar system (within CB) + room
- Avatar system (outside CB)
- Bedroom overnight with EEG
- Medical assistant
- Interview room
- Kitchen area
- Neuropsychological tests
- Expert or Engineer time (development)

Biomarkers

- Blood sampling
- Blood biomarker analysis
- Blood sample treatment and storage
- Salivary biomarker analysis
- Genetic analysis

Neuromodulation

- Magstim BiStim + EMG
- MagVenture MagPro XP + EMG
- Neuroconn DC-stimulator plus
- Neuroelectrics Starstim 8
- Brainsight Neuronavigation
- Expert or Engineer time (development)
- Magstim Super Rapid Plus + EMG
- Noraxon Wireless EMG w/o TMS
- Noraxon Wireless EMG (outside CB)
- Neuroelectrics Starstim tCS Home
- Hasomed RehaMove3
- Neuromodulation room

Methods & Data

- Expert or Engineer time (development)