

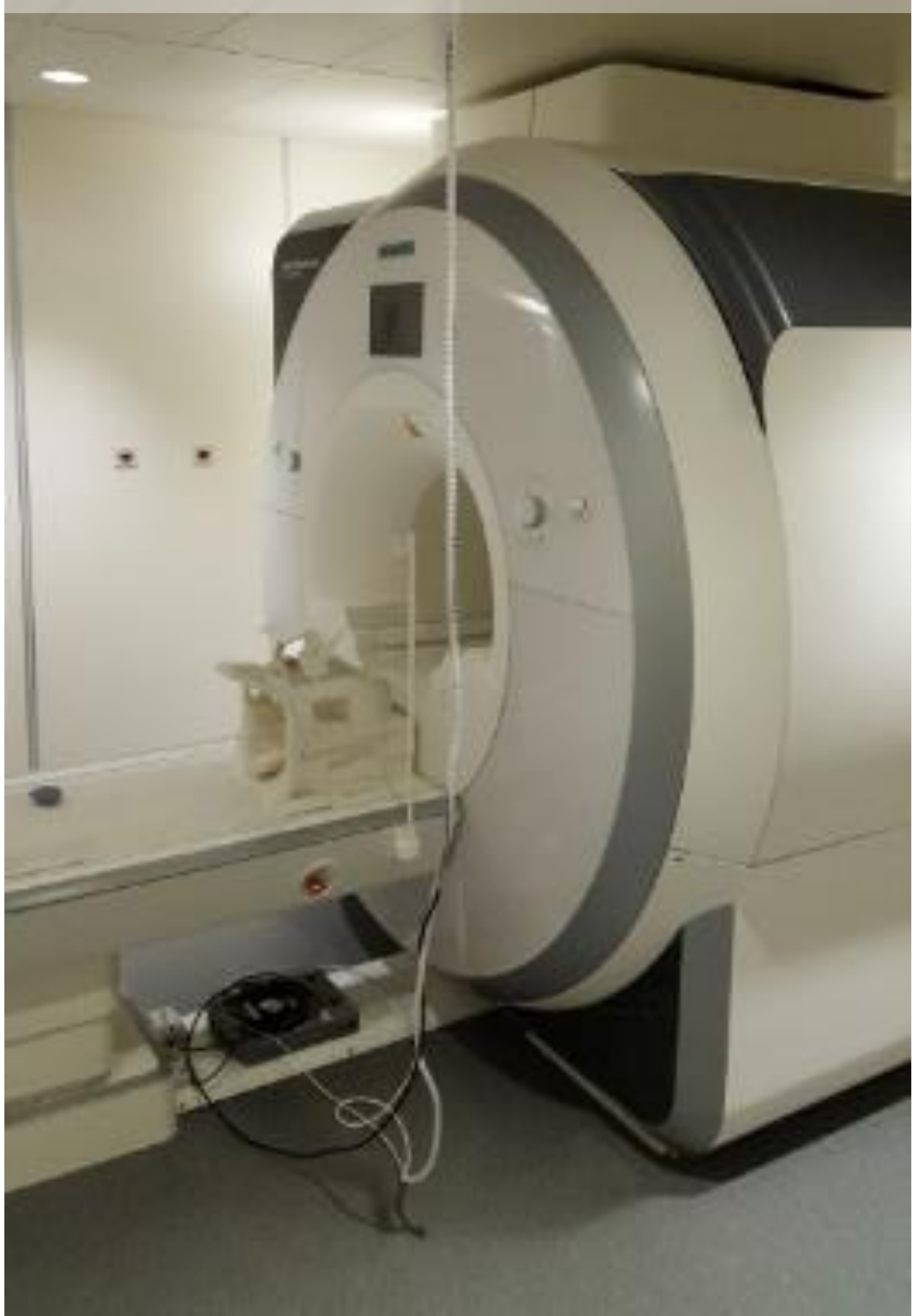
# GIGA Cyclotron Research Centre in vivo imaging

## Human Imaging: 3T & 7T MRI, PET and more!

### Magnetic Resonance Imaging

- Research dedicated + Technical support
- Multiple antennas: head, surface, knee, body (@3T), different nuclei (@7T),...

3T Siemens Prisma



7T Siemens Terra



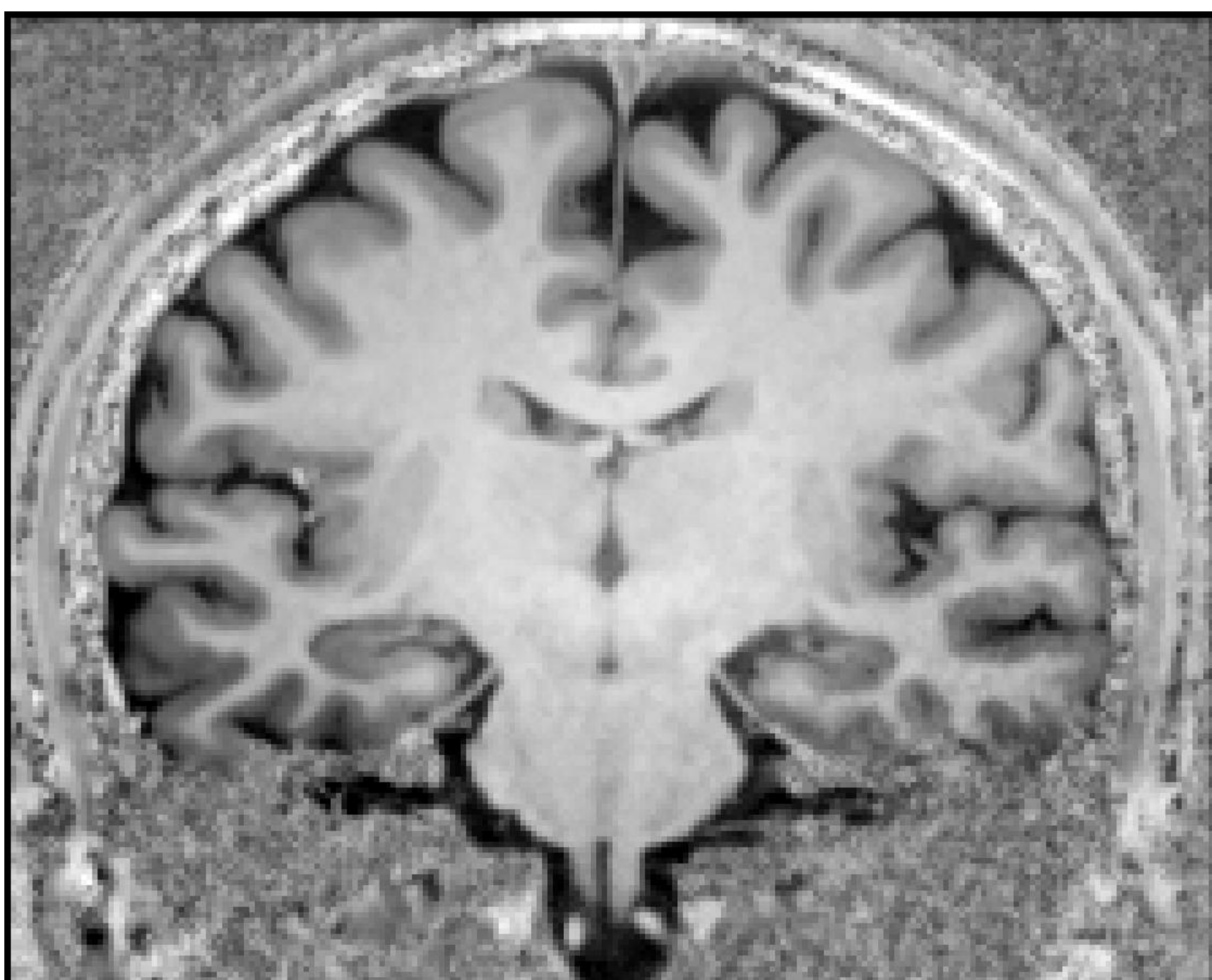
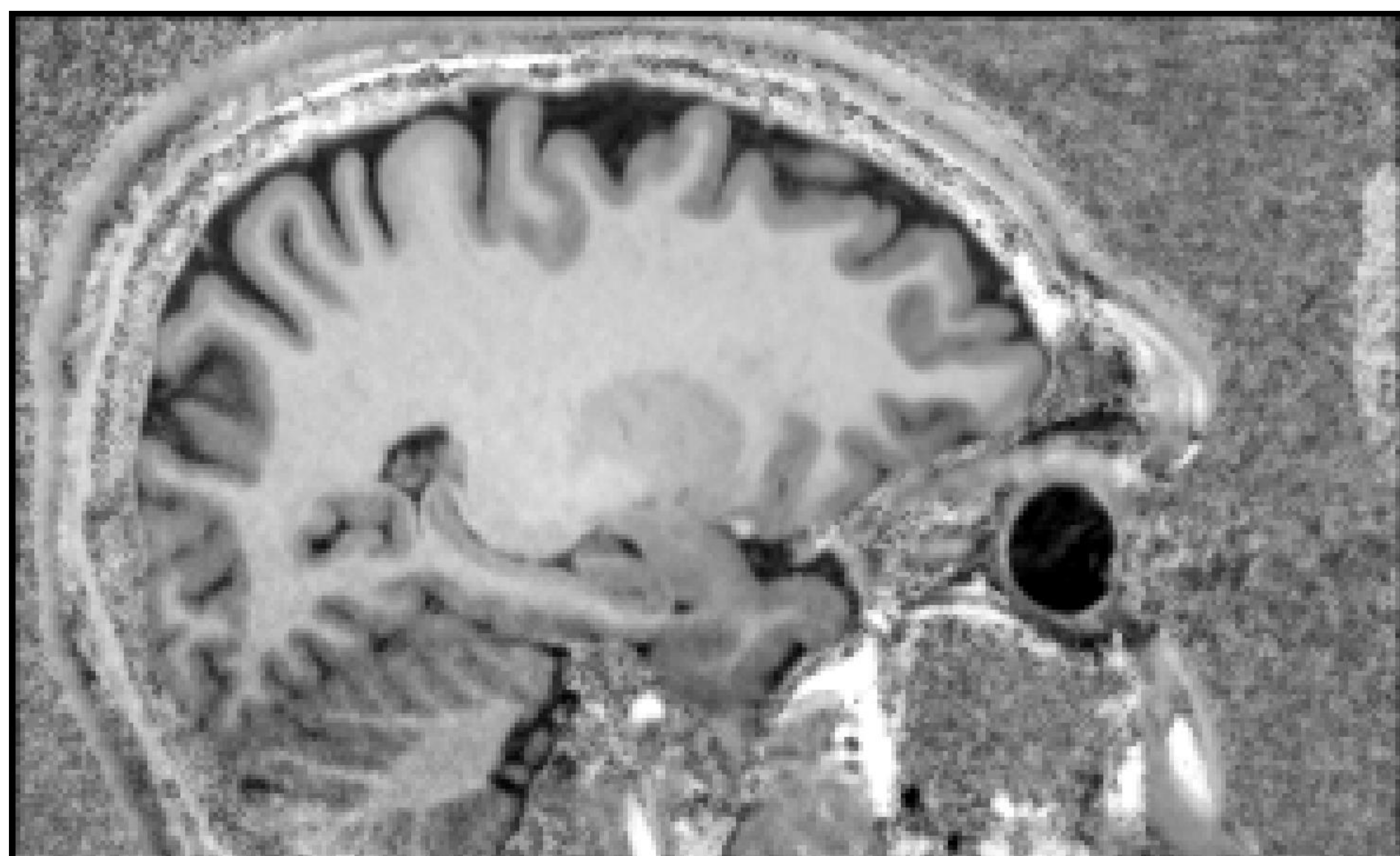
### Positron Emission Tomography

- Research dedicated & Clinical application (@CHU) & Technical support
- On-site cyclotron & radiotracer production

Ecat Exact HR+



7T MP2RAGE, resolution .75 x .75 x .75 mm<sup>3</sup>



### Electrophysiology & more

- Sleep rooms with polysomnography
- Testing & neuro-psychological evaluation
- EEG recording & Transcranial Magnetic System (incl. neuro-navigation)
- Data curation & processing expertise
- Subjects recruitment & study management

