



EBRAINS

EBRAINS is a **new digital research infrastructure** that draws on cutting-edge neuroscience, computing and related technologies to translate the latest scientific discoveries into innovation in industry and medicine.



EBRAINS is key to generating the **necessary synergy between research efforts that are often fragmented, across nations and between different scientific disciplines**; providing a unique, distributed digital research infrastructure for all of Europe and beyond.

EBRAINS aims at accelerating collaborative brain research with a **comprehensive package of tools and facilities**.

Curated and Shared Data:
EBRAINS FAIR data services

Brain Atlas Services:
Navigate the brain in 3D

Brain Modelling and Simulation Workflows:
Integrated tools to create and investigate models of the brain

Closed loop AI and Robotics Workflows:
Design, test, and implement robotic AI solutions

Medical Brain Activity Platform:
Human intracerebral EEG database and analysis service

Interactive Workflows on High-Performance Computers or Neuromorphic Computers:
Europe-wide access to scalable and interactive compute services

The EBRAINS **services are a game-changer**, enabling brain researchers to tackle their questions and other disciplines **to benefit from brain research**.