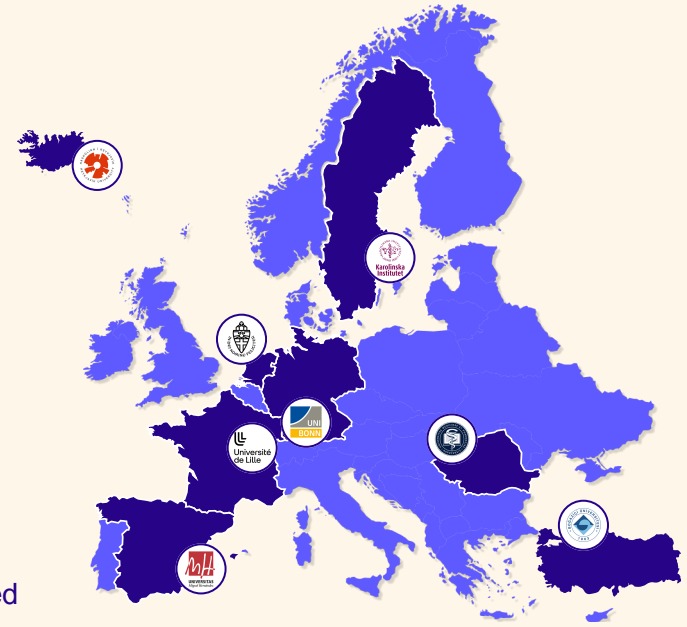
We are NeurotechEU

The European University of Brain and Technology

Wij zijn NeurotechEU, Somos NeurotechEU, Vi är NeurotechEU, Wir sind NeurotechEU, Biz NeurotechEU'yuz, Suntem NeurotechEU, Mi vagyunk a NeurotechEU, Nous sommes NeurotechEU, Við erum NeurotechEU



Technologies from, for, and with the brain

NeurotechEU represents a European alliance of eight universities with a focus on neurotechnology.

By building a trans-European network of excellence in brain research and technologies, NeurotechEU increases the competitiveness of European education, research, economy, and society.

Why Neurotechnology?

Neurotechnology is an emerging scientific field focused on developing a broad range of methods, concepts, artificial systems, and technologies aimed at understanding, interacting with, repairing, enhancing, and directly influencing the brain and human behaviour.

8 Dimensions of NeurotechEU

The 8 dimensions of NeurotechEU are interdisciplinary fields that aim to understand and influence the brain and behavior through technology. These dimensions support innovation and bridge different disciplines to advance neurotechnology research, education, and application.

The 8 dimensions are:

1. Empirical and clinical neuroscience
2. Theoretical neuroscience
3. Neuromorphic computing
4. Neuromorphic control /Neurorobotics
5. Neuroinformatics
6. Neuroprosthetics
7. Clinical neurotechnology
8. Neurometaphysics

Giada Longa
Student from the NeurotechEU student council

"United in diversity, the European Union stands as a testament to the power of cooperaation over conflict, solidarity over division, and progress over stagnation. In aligment with these principles, NeurotechEU also upholds these values and objectives, fosterin collaboration, solidarity, and progress in the field of neurotechnology"

Co-funded by the Erasmus+ Programme of the European Union

neurotech.eu

Students are

NeurotechEU
The European University of Brain and Technology

Opportunities in neurotechnology for students transcending borders in Europe

NeurotechEU partner training

Students can apply to bachelor's, master's, or doctoral courses in neurotechnology at the partner universities.

Participate in research

Students can focus their thesis or dissertations on NeurotechEU research areas and seek advisors involved within the network.

Mobilities across Europe

Students can apply to activities held by the different allied universities, having the opportunity to visit the different countries involved and the other members of the alliance.

Extracurricular activities and events

Students can expand their knowledge, network, and gain expert feedback on their work through NeurotechEU's conferences, workshops, and team projects.

Transcending the borders

NeurotechEU works within different European and global cultures, in different languages, and across borders, sectors and academic disciplines, through all levels (bachelor's, master's, doctoral, lifelong learners, and researchers).

223 k + students

23 k + staff

200 + joint grants

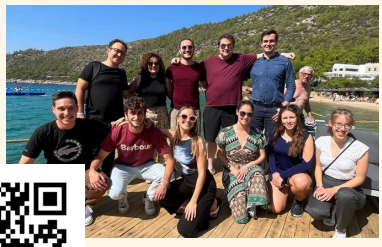
5,500 + joint publications

Student Council

Represents students' opinions and interests across NeurotechEU.

Facilitates exchanges of knowledge and experiences between students within academia, industry, and society.

Assist with skill transfer that enables open discussion and collaboration.



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Researchers are

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NeurotechEU offers opportunities for academics dedicated to neurotechnology by creating a network based on collaboration and professional growth transcending institutional borders.

Collaboration transcending European borders

Researchers can be involved in projects to push the frontiers of neurotechnology and organize events for NeurotechEU to bring together the brightest minds in the field.

Education

Researchers can be involved in enhancing education through Campus+, participate in exchanging programmes between the partner universities, and mentor students providing them hands-on experience supporting their growth in neurotechnology.

Mobility

NeurotechEU gives researchers the opportunity to work and collaborate with the different NeurotechEU institutions in many aspects (education, research, shared goals, etc.).

Networking and partnership

NeurotechEU offers researchers a collaborative platform, Campus+, for networking, access to cutting-edge resources, and opportunities for interdisciplinary projects, fostering innovation and growth within the neurotechnology field.

Sharing of infrastructure

Researchers involved in NeurotechEU can collaborate with the allied members and take advantage of the infrastructures across partner universities accelerating neurotechnology innovation.

Methodological advancements

Researchers from NeurotechEU have the opportunity to learn and improve research methods through collaboration and cultural exchange.

Join us!

To be an active member of the alliance, get in touch with your NeurotechEU coordinator or the international office at your institution.

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