Brain Research & Tech

How can Horizon Europe improve human brain health and performance?

A contribution to a major European challenge

Under the high patronage of MEP Françoise GROSSETÊTE - Scientific coordination: Prof. Viktor JIRSA

WED. 6 MARCH 2019 - 9.00 >16.00 - VENUE : EUROPEAN COMMITTEE OF THE REGIONS

univAMU_EUROPE #HorizonEU #HBP

Aix*Marseille université Initiative d'excellence

Hosted by European Committee of the Regions

Understanding and healing the human brain is one of the most exciting challenges of the 21st century. For centuries we have been attracted by the mystery of thought and consciousness, but it is only now that we have the technical and scientific foundation to advance. Is consciousness fundamental for the emergence of thought? Will Artificial Intelligence need to be conscious? And can we repair our mind once it has been damaged? Addressing these questions requires boldness, is necessarily interdisciplinary and needs close coordination amongst scientists, clinicians, industry partners and policy makers. In Europe, we decided to accept this challenge and push the frontiers of our knowledge through efforts such as the European flagship Human Brain Project, the European Open Science Cloud, and our investments in High Performance Computing… But how will we succeed?

Aix-Marseille University - AMU, a European leader in brain health and technology, responds together with its scientific and industrial partners across the continent.

The symposium will address concrete examples of progress and perspectives from within the Human Brain Project, Technology Transfer in Health and European data and computing infrastructures. It will highlight significant progress made in these fields due to interdisciplinary research, identify challenges, and address issues targeted by future European programmes, in particular Horizon Europe.

REGISTRATION (before March 2nd) → https://www.eventbrite.com/e/brain-research-tech-how-can-horizon-europe-improve-human-brain-health-and-performance-registration-48003228950

VENUE: European Committee of the Regions - Rue Belliard 99-101, 1040 Brussels (Belgium)

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Agenda

Scientific coordination: Prof Viktor JIRSA

8.30 – 9.00	Registration
9.00 – 9.10	Introduction by Prof Yvon BERLAND, President of Aix-Marseille University
9.10 – 9.20	Françoise GROSSETÊTE, Member of the European Parliament
9.20 – 10.15	Brain Research & Tech: The Human Brain Project by Prof. Katrin AMUNTS, Chair of Human Brain Project Reading and Writing in the brain: Novel technology for the blind by Prof. Pieter ROELFSEMA, Director of the Netherlands Institute for Neuroscience Personalized brain models for epilepsy surgery by Prof. Viktor JIRSA, Director of the System Neuroscience Institute, Aix-Marseille University
10.15 – 11.00	*Coffee break*
11.00 – 12.15	**Neurotechnology, where we are, where we go?** *Panel discussion including Q & A with the public* ▪ Prof Viktor JIRSA, Director of the System Neuroscience Institute, Aix-Marseille University ▪ Prof Pieter ROELFSEMA, Director of the Netherlands Institute for Neuroscience ▪ Prof Kathinka EVERS, Center for Research Ethics & Bioethics, Uppsala University ▪ Dr Thomas BRIONNE, Principal Clinical Scientist, Medtronic International
12.15 - 14.00	*Lunch at the European Committee of the Regions*
14.00 – 14.40	HORIZON EUROPE roadmap, by Dr Wolfgang BURTSCHER, Deputy Director-General, DG RTD, European Commission Latest developments in HORIZON EUROPE negotiations by Lieve WIERINCK, Member of the European Parliament Dr. Pierre MEULIEN, Executive Director, Innovative Medicine Initiative
14.40 – 15.50	**Designing and implementing Horizon Europe: the brain in Europe and its impact on society** *Panel discussion including Q & A with the public* ▪ Dr. Thomas SKORDAS, Director "Digital Excellence and Science Infrastructure", DG CONNECT, European Commission ▪ Dr. Pierre MEULIEN, Executive Director, Innovative Medicine Initiative ▪ Prof. Katrin AMUNTS, Chair of Human Brain Project ▪ Prof Anthony Randal MCINTOSH, Senior Scientist, Rotman Research Institute, Baycrest
15.50 - 16.00	Prof Viktor JIRSA, conclusion
16.00 - 16.30	*Networking coffee - end at 16.30*

The conference will be simultaneously translated into French and English & web-streamed (https://livestream.com/corlive1/events/8562138)