



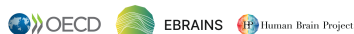
HBP Newsletter · February 2022

Highlights



Brain Matters #9 - The Brain as a Network: good or bad?

This webinar will present the latest research on whole-brain dynamics and introduce viewers to the Virtual Epileptic Patient, a brain modeling approach which can estimate the epileptogenic zone of a patient's brain and help in the surgical prognosis of the patient. Join us on February 17th! [Register here](#)



OECD-EBRAINS Roundtable: Towards a European Brain Initiative

On 28 January, EBRAINS, HBP and OECD-NAEC group, hosted an online discussion to articulate the vision and key elements of a future European Brain Initiative. The meeting brought together representatives from the European Commission, scientific societies, patient organizations, health professionals, and leading brain researchers. [Read more](#)

News



Aix-Marseille Université joins EBRAINS AISBL as associate member

We're pleased to announce that Aix-Marseille Université (AMU) – the largest French-speaking university in the world – has joined the EBRAINS AISBL as an associate member. [Read more](#)



Advancing a responsible, ethical vision for EBRAINS

On 24 January 2022, EBRAINS hosted an international consultation designed to shape its Ethics and Society Vision. [Read more](#)



Apply for the computing and storage resources of Fenix

EBRAINS provides computing and storage services at leading European supercomputing and data centres, which are part of the Fenix research infrastructure. Fenix is realised through the Interactive Computing E-Infrastructure (ICEI) project. These services can be requested and used separately or in combination, according to your needs. [Apply here](#)



Innovative Health Initiative seeks scientific and health experts to join advisory panel

The Innovative Health Initiative is looking for people who want to represent the scientific and wider healthcare communities in its new Science and Innovation Panel. The panel will play a significant role in setting IHI's priorities and designing our calls for proposals. [Read more](#)



Modular supercomputing makes new quantum computer available to neuroscientists

The first computer that is going to combine High-Performance and Quantum Computing was inaugurated in Jülich, Germany on 17 January. It is planned that its new capabilities will be made available to neuroscientists via the Fenix research infrastructure. [Read more](#)



HBP Scientific Director Katrin Amunts receives Hector Science Award

The prestigious prize of 150,000 Euro honours professors from German universities and research institutions for outstanding research achievements, dedication to the education and support of young scientists and contributions to advancing their disciplines and institutions. [Read more](#)

Read more news items [here](#).

Upcoming Events

17 February 2022: 14th FENIX infrastructure webinar: "EBRAINS services deployed on ICEI: Embodied large scale spiking neural networks in the neurorobotics platform"

This webinar will present the deployment of the Neurorobotics Platform on Fenix Research Infrastructure exploiting HPC compute node parallelization for embodied large scale spiking neural network simulations.

[Register here](#)

17 February 2022: Brain Matters #9 - The Brain as a Network: good or bad?

This webinar will present the latest research on whole-brain dynamics and introduce viewers to the Virtual Epileptic Patient, a brain modeling approach which can estimate the epileptogenic zone of a patient's brain and help in the surgical prognosis of the patient.

[Register here](#)



22–25 February 2022: 6th HBP Student Conference on Interdisciplinary Brain Research (virtual event)

The 6th HBP Student Conference provides an open forum for the exchange of new ideas among early career researchers working across various scientific fields relevant to the Human Brain Project (HBP).

Registration deadline: 07 February 2021

[Register here](#)

The HBP Calls for Expression of Interest for SGA3: “EBRAINS

Workshops”

Through this Call for Expressions of Interest, applicants (from within and outside the HBP) can request administrative and financial support provided by the HBP Education Programme for the planning and organisation of an EBRAINS Workshops event.

The final cut-off date is 30 March 2022. [Learn more.](#)

11-13 April 2022: Symposium "From cortical microcircuits to consciousness" (CORTICON)

The Symposium ‘From Cortical Microcircuits to Consciousness’ aims at bringing together the Human Brain Project’s neuroscientists and invited guests to present their latest achievements in understanding neurocircuit dynamics at microscales, meso- and macro-scales, including the emergence of consciousness.

Save the date! [Registration coming soon.](#)

13-15 June 2022: BASSES EBRAINS Workshop

The HBP and EBRAINS invite interested scientists to join the forthcoming EBRAINS Workshop on Brain Activities across Scales and Species (BASSES.)

[Register here](#)

Learn about more upcoming events [here.](#)

Publications

Read recent publications from Human Brain Project scientists below!

Stimulation of the ventral tegmental area induces visual cortical plasticity at the neuronal level

Jerome Herpers, John T. Arsenault, Wim Vanduffel, Rufin Vogels

[Read the full paper in Cell Reports](#)

Structure-function relationships of the disease-linked A218T oxytocin receptor variant

Magdalena Meyer, Benjamin Jurek, Mercedes Alfonso-Prieto, Rui Ribeiro, Vladimir M. Milenkovic, Julia Winter, Petra Hoffmann, Christian H. Wetzel, Alejandro Giorgetti, Paolo Carloni & Inga D. Neumann

[Read the full paper in Molecular Psychiatry](#)

Read more publications [here](#).

Event Recordings

Did you miss one of our recent events or workshops? We've got you covered! Watch replays via the links below:

[Watch previous episodes of our Brain Matters webinar series!](#)

[Shared Independent Component Analysis for Multi-Subject Neuroimaging \(NeurIPS 2021\)](#)

[13th Fenix Infrastructure webinar: How to request resources through JARDS](#)

Social Media

Follow Human Brain Project:



Follow EBRAINS:



This email was sent to [<<Email>>](#)

[why did I get this?](#) [unsubscribe from this list](#) [update subscription preferences](#)

Human Brain Project PCO - EBRAINS AISBL · Campus Biotech · Chemin de Mines · Geneva 1202 · Switzerland