Dear Sir/Madam,

As this message arrives in your inbox, many of the Human Brain Project’s participating scientists are under lockdown, across all of Europe. Meanwhile, the number of Coronavirus cases continues to rise every day, posing challenges for each of us personally, for society, and for the HBP.

Under these challenging conditions, the Human Brain Project remains committed to accelerate scientific understanding and innovation. We continue our quest to foster scientific collaboration and progress with the help of novel digital tools.

Several of our participating researchers are now involved in efforts to help; computational capacity from our supercomputing infrastructure is helping to model the disease spread; a group of our molecular modelling experts are applying their methods on viral proteins. Researchers of our project contribute with advice and counsel to decision makers.

As the situation further evolves we will keep you updated.

Thank you for your interest in the Human Brain Project and for your support. We wish you resilience and good health.

Dr. Katrin Amunts
Scientific Research Director, Human Brain Project

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Newsflash
WATCH: Video from the HBP Summit & Open Day 2020

Our host Athena RIC has produced a wonderful video that captures the exciting atmosphere of the HBP Summit & Open Day which took place from February 3rd - 6th 2020!

At this year's event, special emphasis was placed on the key steps taken to establish EBRAINS, the European Research Infrastructure for Brain Science.

EU Prize for Women Innovators

The European Commission has launched the seventh edition of the EU Prize for Women Innovators. The contest is funded under Horizon 2020, the EU research and innovation programme. Three women will each receive €100,000, and another €50,000 will be awarded to a "Rising Innovator", an exceptional entrepreneur at the beginning of her career. The application deadline is April 21st.
Call for Clusters – The European Brain Research Area

The EBRA Call for Clusters is open until January 1st, 2021. It aims to promote cooperation and exchange between brain research projects and to enable or enhance international collaboration and the development of clusters in all areas of brains research.

A cluster is an association of research projects that can be directed towards basic research, clinical research and/or methodological approaches under a common topic, and disease and/or thematic area.

Find out more
Graph-theoretical derivation of brain structural connectivity

Brain connectivity at the single neuron level can provide fundamental insights into how information is integrated and propagated within and between brain regions.

Read more

“Noisy” Chips: Insights from Brain Research Offer Benefits for Neuromorphic Hardware

Neuromorphic chips modelled on the human brain have enormous potential, offering a promising and efficient alternative for artificial intelligence (AI) tasks in particular.

Read more
Qbeast wins 5th Barcelona Activa Pre-Incubation

The Qbeast technology, partly developed in WP7.2, was selected as the company with the highest evaluation, for its growth potential, and both technological and social impact.

Read more

Read more (Spanish)

New neuroscience method disentangles crossing fibers in brain tissue

Scientists at Forschungszentrum Jülich have now found that scattered light can be used to resolve the brain's substructure with micrometer resolution.
Project News

20 Actions for 2020 and Beyond

The HBP celebrated International Women's Day by publicly announcing that HBP leaders have signed a letter of personal commitment to enhance equal opportunities and inclusiveness.
Human Brain Project / EBRAINS: Call for Proposals for European Neuroscientists at Large for Using ICEI e-Infrastructure Resources

European neuroscientists are invited to submit proposals for using these resources for research on topics in the broader scope of the HBP.

Read more

Publications


HBP in the Media

Welt (Germany): Hoffnung auf digitales Double

Gemeinnutzige Hertie Stiftung (Germany): Wie sieht die Hirnforschung der Zukunft aus?

La Stampa (Italy): Decifrare il cervello significa ripartire dai canali dei neuroni

MOST Science Channel: STEM: Human Brain Project

Forbes (USA): Neurotechnology & Corporate Wellbeing? Yes, Please!

Parliament Magazine (EU): The noncommunicable disease pandemic

Events

Please check with the organizer of your event to see if it has been cancelled, postponed, or will take place online due to COVID-19 prevention measures.
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