

Seven new projects to start on EBRAINS research infrastructure, joining the HBP community

New projects will both leverage and contribute to the digital infrastructure EBRAINS

BRUSSELS, BELGIUM, March 25, 2021 /EINPresswire.com/ -- Seven innovative projects will soon start on the [EBRAINS](#) research infrastructure, becoming members of the HBP community. The selected projects range from Neuroscience to Medicine, AI and Robotics, with successful applicants coming from science and industry in Italy, Spain, Germany, Switzerland and the Netherlands.

From August 2020 to October 2020, the HBP launched 4 Calls for Expression of Interest inviting researchers to submit projects to add new expertise to the HBP community and to its research infrastructure EBRAINS. The new projects will not only make use of EBRAINS' collection of cutting-edge brain data sets, simulation and modelling tools and high-performance computing resources, but also contribute to the further development of the EBRAINS platform and increase the scope of its applications in terms of innovation, neuroscience and clinical research.

From a total of 33 admissible and eligible proposals, these seven successful projects were selected:

- **GROW** - General-purpose Robot for Object retrieval in Warehouses

Coordinator: Consiglio Nazionale delle Ricerche (CNR), Italy

Partners: Inglobe Technologies, Italy; AI2Life, Italy

- **BROMEN-AID** - Proactive Memory iN AI for Development

Coordinator: Istituto Italiano di Tecnologia (IIT), Robotics Brain and Cognitive Sciences Unit, Italy

Partners: ROBOTNIK AUTOMATION SLL – ROB, Spain

Universidad Politécnica de Madrid, LifeSTech (UPM), Spain

- **SPIKEREFERENCE** - Spike-driven deep active inference for sequential goal behaviours

Coordinator: Donders Institute for Brain, Cognition and Behaviour, Department of Artificial Intelligence, Radboud University, the Netherlands

- **NEURO-CONNECT** - Knowledge management solution for multimodal brain atlas and

connectome integration

Coordinator: Biomax Informatics AG, Germany

- **ESPAS** - Closed-loop exoskeleton simulation for personalized assistive rehabilitation within HBP NRP

Coordinator: Alpine Intuition, Switzerland

Partners: Autonomyo, Switzerland

- **Neuro-robin** - Closed loop upper limb neurorobot simulator

Coordinator: Bitbrain, Spain

- **B2020 - LIVING BRAIN** Next generation dedicated brain PET

Coordinator: GEM Imaging SA – ONCOVISION, Spain

The HBP is very happy to welcome a total of 8 new industrial partners and 4 new academic units collaborating in these projects, and looks forward to great synergies, fruitful exchanges and innovative advancements.

Further information:

<https://ebrains.eu>

<https://www.humanbrainproject.eu>

ABOUT THE HBP

The Human Brain Project (HBP) is the largest brain science project in Europe and stands among the biggest research projects ever funded by the European Union. At the interface of neuroscience and information technology, the HBP investigates the brain and its diseases with the help of highly advanced methods from computing, neuroinformatics and artificial intelligence, and drives innovation in fields like brain-inspired computing and neurorobotics.

ABOUT EBRAINS

EBRAINS is a new digital research infrastructure, created by the EU-funded Human Brain Project, to foster brain-related research and to help translate the latest scientific discoveries into innovation in medicine and industry, for the benefit of patients and society.

It draws on cutting-edge neuroscience and offers an extensive range of brain data sets, a multilevel brain atlas, modelling and simulation tools, easy access to high-performance computing resources and to robotics and neuromorphic platforms.

All academic researchers have open access to EBRAINS' state-of-the art services. Industry researchers are also very welcome to use the platform under specific agreements. For more information about EBRAINS, please contact us at info@ebrains.eu or visit www.ebrains.eu.

Peter Zekert

Human Brain Project

press@humanbrainproject.eu

+49 2461-61 96860

Visit us on social media:

[Facebook](#)

[Twitter](#)

[LinkedIn](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/537497636>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2021 IPD Group, Inc. All Right Reserved.