**PRESS RELEASE, 25 March 2021**

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*

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.
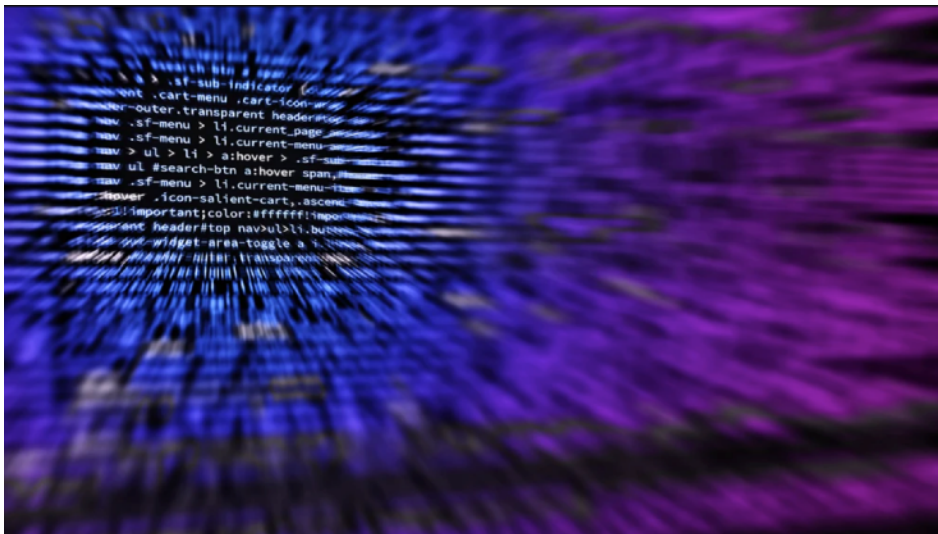
From August 2020 to October 2020, the HBP launched 4 Calls for Expression of Interest inviting researchers to submit projects to add new expertise to the HBP community and to its research infrastructure EBRAINS. The new projects will not only make use of EBRAINS' collection of cutting-edge brain data 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

- **PROMEN-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

- **SPIKEFERENCE - Spike-driven deep active inference for sequential goal behaviours**
  Coordinator: Donders Institute for Brain, Cognition and Behaviour, Department of Artifical Intelligence, Radboud University, the Netherlands

- **NEURO-CONNECT - Knowledge management solution for multimodal brain atlas and connectome integration**
  Coordinator: Biomax Informatics AG, Germany

- **CESPAR - 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

- **LB2020 - 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.

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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.