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# Human Brain Project

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**NEWSLETTER** · July - August 2020

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Dear Subscriber,

We hope you are enjoying a great summer with your families and friends. The past month has been a busy one for the Human Brain Project. We presented the EBRAINS tools and services at the FENS Virtual Forum, published research in a number of high-profile journals, and laid the groundwork for the first regional EBRAINS subcommunity in Denmark.

In addition to this, we have recently launched four Calls for Expression of Interest for new projects to contribute to the development of our research infrastructure, EBRAINS. Please review the 'Calls for Expression of Interest' section below and share these funding opportunities through your networks.

Thank you and enjoy the rest of your summer,

HBP Digital Communications

## **CALLS FOR EXPRESSION OF INTEREST**



### **Calls for Expression of Interest for SGA3**

[Read more about the Calls](#)

Learn about the individual calls below:

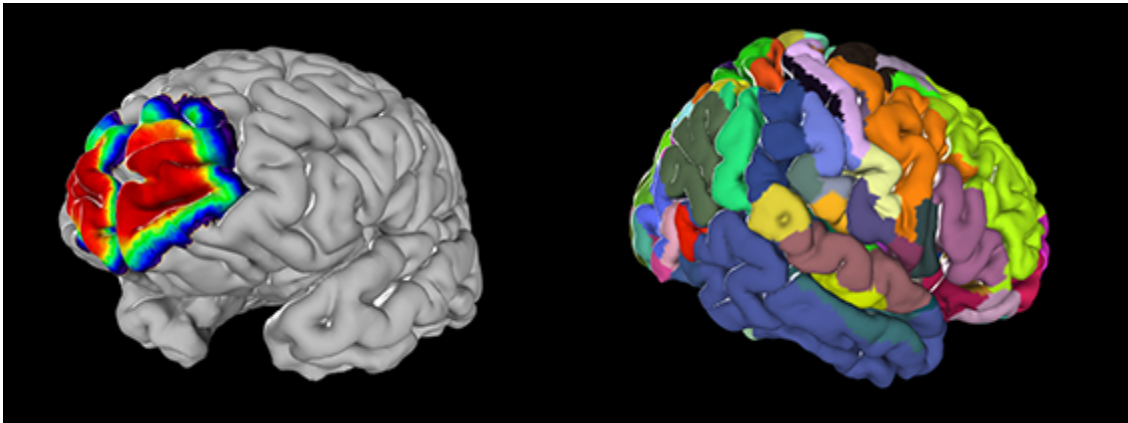
CEoI: [Brain Atlas and simulation engine adapter construction](#)

CEoI: [Application of functional architectures supporting advanced cognitive functions to address AI problems of industrial relevance](#)

CEoI: [High-level neuro-symbolic processing for guidance of goal-directed behaviour](#)

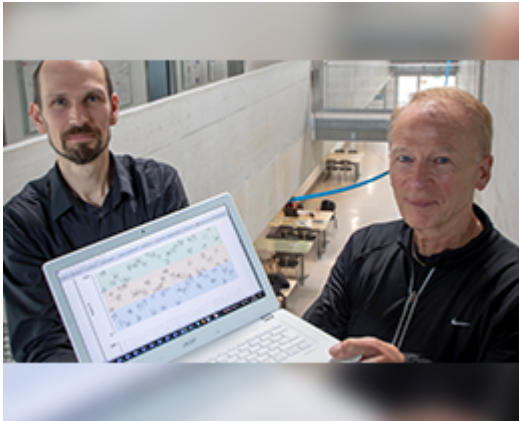
CEoI: [Engagement of Industry, SMEs and start-ups](#)

## RESEARCH NEWS



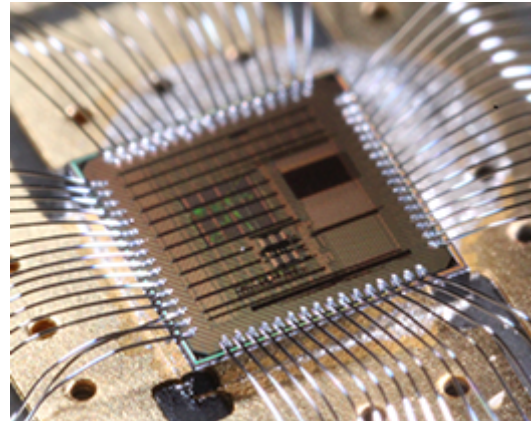
**A centerpiece of EBRAINS' human brain atlas is presented in "Science"**

[Read more](#)



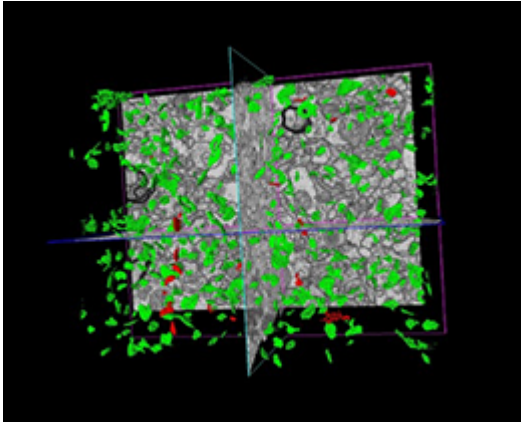
**New learning algorithm should expand the possible applications of AI**

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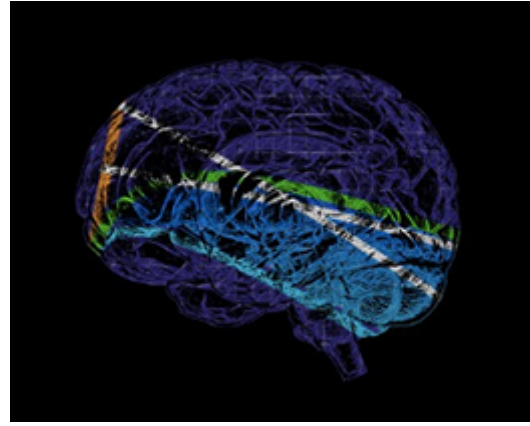
**Optimizing neural networks on a brain-inspired computer**

[Read more](#)



**New in EBRAINS: A map of 25,000 synapses in the hippocampus**

[Read more](#)



**Epilepsy: International researchers propose better seizure classification**

[Read more](#)

## PROJECT NEWS



**Event Recap: HBP at FENS 2020**

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**New members in HBP's Ethics Advisory Board**

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## Improve reporting practices for quantitative neuroscience data

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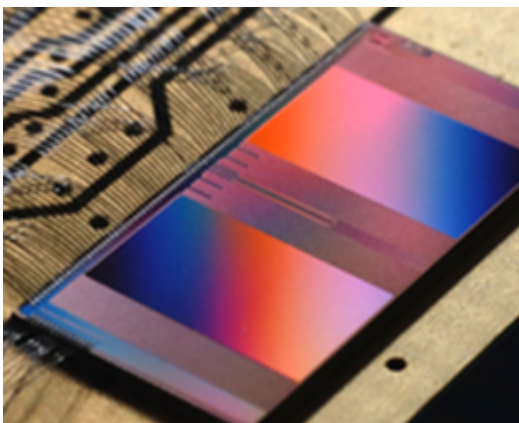
## EBRAINS Denmark to become the first regional EBRAINS subcommunity

[Read more](#)



## Paper roundup – Neuroethics, AI ethics, dual-use, responsible neurorobotics & how to carry on during the Covid-19 crisis

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## HBP Research Infrastructure Voucher Call: 2019 Projects

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**HBP Tea & Slides: A recap of the past virtual tea and coffee breaks with HBP early career researchers**

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**The NEST Conference went online, and it will not be the last time**

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**Human Brain Project / EBRAINS: Call for Proposals for European Neuroscientists at Large for Using ICEI e-Infrastructure**

[Read more](#)

**ICEI resources are now available at three Fenix sites: CEA, CSCS and JSC**



[Find out more](#)

## **HBP IN THE MEDIA**

**Science Business (Europe):** [Rethink for Human Brain Project as it enters the final phase](#)

**Fortune Greece (Greece):** [Research center "Athena" participates in the emblematic European program Human Brain Project](#)

**Tectales (Europe):** [Optimizing neural networks on a brain-inspired computer](#)

**Biospektrum (Germany):** [Forscher optimieren neuronale Netze auf einem vom Gehirn inspirierten Computersystem](#)

**Edgy (USA):** [Researchers Develop New Energy-Efficient AI System](#)

**AGI News (Italy):** [Creata la piattaforma Ebrains, atlante del cervello umano](#)

**Pharmazeutische Zeitung (Germany):** [Kernstück eines 3-D-Atlas des Gehirns veröffentlicht](#)

**Singularity Hub:** [A New Brain-Inspired Learning Method for AI Saves Memory and Energy](#)

## EVENTS



### [6th Fenix webinar: "Introduction to the JUSUF system at JSC"](#)

01 September 2020

### [Online CRS-R Workshop](#)

Training on the administration and scoring of the Coma Recovery Scale-Revised (CRS-R)

12 September 2020



### [7th Fenix webinar: "Introduction to the ICEI resources at CEA"](#)

22 September 2020

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