

Brain Dynamics Graduate School



Newsletter – July '22

*Let us know if you have an announcement, upcoming event, new publication or job posting!
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Events

- **07.10. - Brain Dynamics Scientific Day**

The inaugural Brain Dynamics Scientific Day will take place on Friday, October 7th, in the Felix Klein lecture hall on the 5th floor of the Paulinum. The Scientific Day will include a series of short talks by PIs, postdocs and doctoral students, poster presentations and two keynote lectures by:

- **Prof. Dr. Marlene Bartos**, Institute of Physiology I, Systemic and Cellular Neuroscience, Albert-Ludwigs University Freiburg, and
- **Prof. Dr. Gilles Laurent**, Neural Systems Department, Max Planck Institute for Brain Research, Frankfurt am Main.

<https://www.uni-leipzig.de/en/brain-dynamics/graduate-school-brain-dynamics/news-events/newsdetail/artikel/brain-dynamics-scientific-day-2022-10-07>

News

- **ScaDS.AI receives permanent support from BMBF**

Center for Scalable Data Analytics and Artificial Intelligence (ScaDS.AI) at the TU Dresden and the University of Leipzig is now being consolidated as permanent institution with institutional funding from the Federal Ministry of Education and Research (BMBF) and the Free State of Saxony (in German):

<https://www.uni-leipzig.de/newsdetail/artikel/eins-von-fuenf-ki-kompetenzzentrum-scadsai-dresden-leipzig-erhaelt-dauerhafte-foerderung-durch-den-bund-2022-07-04>

- **Tracking down the causes of rare diseases in children**

Dr. Konrad Platzer and Dr. Henry Oppermann from the Institute of Human Genetics talk about their latest publications in Brain and American Journal of Human Genetics:

<https://www.uni-leipzig.de/en/newsdetail/artikel/tracking-down-the-causes-of-rare-diseases-in-children-2022-06-27>

New members

We welcome two new doctoral students to the Brain Dynamics family:

- **Bracher Angelika**

Research Groups Prof. Dr. Kai von Klitzing & Dr. Lars Otto White, Department of Child and Adolescent Psychiatry, Psychotherapy and Psychosomatics, University Hospital Leipzig

Research project: "Investigating synchrony in caregiver-adolescent dyads with maltreatment experience"

<https://www.uniklinikum-leipzig.de/einrichtungen/kinderpsychiatrie/Seiten/kontaktseite-breuer.aspx>

- **Lohmann Jonas**

Research Group Prof. Dr. Dr. Markus Morawski, Paul Flechsig Institute of Brain Research, Medical Faculty

Research project: "Investigation of neuroanatomical and morphological correlates of synaptic and neuronal activity in hibernating Syrian golden hamsters"

http://pfi.medizin.uni-leipzig.de/pfi.site,postext,Wissenschaftliche%20Mitarbeiter,a_id,410.html

Latest publications

- Research group **Grosse Wiesmann / Friederici**

Maturation indices of the cognitive control network are associated with inhibitory control in early childhood.

Berger P, Friederici AD, Grosse Wiesmann C.
J Neurosci. 2022 Jul 11;JN-RM-2235-21.
doi: 10.1523/JNEUROSCI.2235-21.2022.

➤ Research group **Sabri / Schomerus / Claßen / Schroeter**

Differential Diagnosis Between Alzheimer's Disease-Related Depression and Pseudo-Dementia in Depression: A New Indication for Amyloid- β Imaging?

Leonhardi J, Barthel H, Speerforck S, Dietzel J, Schroeter ML, Saur D, Tiepolt S, Rullmann M, Patt M, Claßen J, Schomerus G, Sabri O.
J Alzheimers Dis. 2022 Jun 13.
doi: 10.3233/JAD-215619. Online ahead of print.

➤ Research group **Schröger**

Action effect predictions in 'what', 'when', and 'whether' intentional actions.

Chung WY, Darriba Á, Korka B, Widmann A, Schröger E, Waszak F.
Brain Res. 2022 Jun 23;1791:147992.
doi: 10.1016/j.brainres.2022.147992.