

Brain Dynamics Graduate School



Newsletter – May '24

*Let us know if you have an announcement, upcoming event, new publication or job posting!
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<https://lists.uni-leipzig.de/mailman/listinfo/neuroscience>

Events

- **Guest lecture at the MPI CBS**

21.05. 13:00 Hybrid, online & MPI CBS, Wilhelm Wundt Room (A400),
Stephanstraße 1A, 04103 Leipzig

Dr James Pang, The Turner Institute for Brain and Mental Health, School of Psychological Sciences and Monash Biomedical Imaging, Monash University, Clayton, Victoria, Australia

“Geometric influences on brain function and regional organization”.

<https://www.cbs.mpg.de/events/37811/338738>

- **Klinisch-Neurowissenschaftliches Kolloquium**

22.05. 17:00 University Hospital Leipzig, House 4: Meeting room "Justus von Liebig", Liebigstraße 20, 04103 Leipzig

Prof Dr Christian Geis, Department for Neurology, Jena University Hospital
„Von Antikörpern zu CAR-T Zellen: neue Wege in der Neuroimmunologie“.

https://www.uniklinikum-leipzig.de/veranstaltungen/Seiten/Veranstaltung_6042.aspx

- **Brain Dynamics Open Lab day**

23.05. 09:00 Seminarraum 111 (1st Floor), Institute of Biology, Talstraße 33, 04103 Leipzig

Research Group Schönwiesner, Institute of Biology, Faculty of Life Sciences, University Leipzig

„Spatial hearing in different acoustic environments“.

<https://www.uni-leipzig.de/en/brain-dynamics/graduate-school-brain-dynamics/news-events/newsdetail/artikel/open-lab-research-group-schoenwiesner-2024-04-01>

- **Guest lecture at the MPI CBS**

23.05. 11:00 MPI CBS, Charlotte Buehler Room (C402), Stephanstraße 1A, 04103 Leipzig

Dr Steffen Bollmann, School of Electrical Engineering and Computer Science & Queensland Digital Health Centre, The University of Queensland, Brisbane, Australia

“How could we make scientific software FAIR”.

<https://www.cbs.mpg.de/events/37601/338738>

- **BILL Seminar Series**

23.05. 17:00 Kleiner Hörsaal, Room 119, Institute of Biology, Faculty of Life Sciences, Johannisallee 21, 04103 Leipzig

Prof Dr Christian Henneberger, Institute of Cellular Neurosciences, Medical Faculty, University of Bonn

“Multicellular control of plasticity in hippocampal circuits”

<https://www.uni-leipzig.de/en/event-detail/event/multicellular-control-of-plasticity-in-hippocampal-circuits-1>

- **Guest lecture at the MPI CBS**

05.06. 14:00 MPI CBS, Wilhelm Wundt Room (A400), Stephanstraße 1A, 04103 Leipzig

Dr Robin Gerrits, Department of Experimental Clinical and Health Psychology, Ghent University, Belgium

“Variability of brain hemispheric specialization: One side does not fit all”.

<https://www.cbs.mpg.de/events/37731/338738>

- **Brain Dynamics Seminar Series**

07.06. 12:00 Paul Flechsig Institute - Center of Neuropathology and Brain Research, Room 3093, Liebigstraße 19 (Haus C), 04103 Leipzig

PD Dr Markus Schwab, Paul Flechsig Institute of Neuropathology, University Hospital Leipzig

“Tba”.

14.06. 12:00 Paul Flechsig Institute - Center of Neuropathology and Brain Research, Room 3093, Liebigstraße 19 (Haus C), 04103 Leipzig

Prof Dr Dorothee Saur, Department of Neurology, University Hospital Leipzig
“Tba”.

<https://www.uni-leipzig.de/en/brain-dynamics/graduate-school-brain-dynamics/news-events#c621679>

- **Klinisch-Neurowissenschaftliches Kolloquium**

12.06. 17:00 University Hospital Leipzig, House 4: Meeting room "Justus von Liebig", Liebigstraße 20, 04103 Leipzig

Prof Dr Matthias Klein, Department of Neurology, Ludwigs Maximilians University (LMU) Hospital, Munich

„Neues zu schweren ZNS-Infektionen“

https://www.uniklinikum-leipzig.de/veranstaltungen/Seiten/Veranstaltung_6043.aspx

News

- **Registration for the Neurobiology Doctoral Students Workshop (NeuroDoWo) 2024 prolonged until 21st May**

The NeuroDoWo is a conference that is organized by and for PhD students working in the field of Neuroscience for over 30 years now under the patronage of the German Zoological Society (Deutsche Zoologische Gesellschaft e.V.) and German Neuroscience Society (Neurowissenschaftliche Gesellschaft e.V.). The conference will take place in Leipzig from the 20th to 23rd August 2024:

<https://neurodowo.nwg-info.de/>

- **Science Speed Dating meetup**

The third informal meetup of Brain Dynamics members will take place on 29th May:

<https://www.uni-leipzig.de/en/brain-dynamics/graduate-school-brain-dynamics/news-events/newsdetail/artikel/brain-dynamics-science-speed-dating-round-iii-2024-05-15>

- **Congratulations to Dr Marius Lamberty**

Brain Dynamics Graduate School member Marius Lamberty completed his doctoral thesis "Vesicular interaction partners of the active zone scaffolding protein Bruchpilot" at the Faculty of Life Sciences:

<https://www.uni-leipzig.de/en/brain-dynamics/graduate-school-brain-dynamics/news-events/newsdetail/artikel/congratulations-to-dr-marius-lamberty-2024-05-17>

Open position

- **Open PhD position in the research group Jais**

The laboratory of Dr. Alexander Jais at the Helmholtz Institute for Metabolic, Obesity and Vascular Research, University Leipzig is offering a PhD position in Neurobiology and Metabolic Research. (f/m/x)

<https://jobs.helmholtz-muenchen.de/jobposting/716c9b37760fc0404b299e1901e9be1c769f24620>

New member

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

- **Leonie Sowoidnich**

Research Group Simon, Carl Ludwig Institute of Physiology, Faculty of Medicine

Research project: “Mechanisms of spinal motor control in health and disease”

<https://physiologie.medizin.uni-leipzig.de/mobile.php?en,id186>

Latest publications

- Brain Dynamics doctoral candidate **Toni Kirmann** and research groups **Hallermann / Simon**

Peripherally-derived LGI1-reactive monoclonal antibodies cause epileptic seizures in vivo.

Upadhya M, Kirmann T, Wilson MA, Simon CM, Dhangar D, Geis C, Williams R, Woodhall G, Hallermann S, Irani SR, Wright SK.

Brain. 2024 Apr 25: awae129. doi: 10.1093/brain/awae129.

- Brain Dynamics doctoral candidate **Vincent Richter** and research group **Thum**

Morphology and ultrastructure of external sense organs of *Drosophila* larvae.

Richter V, Rist A, Kislinger G, Laumann M, Schoofs A, Miroschnikow A, Pankratz M, Cardona A, Thum AS.

eLife 12: RP91155. <https://doi.org/10.7554/eLife.91155.2>

➤ Research group **Exner**

Metacognitive therapy versus exposure and response prevention for obsessive-compulsive disorder - A non-inferiority randomized controlled trial.

Exner C, Kleiman A, Haberkamp A, Hansmeier J, Milde C, Glombiewski JA.
J Anxiety Disord. 2024 May 5;104:102873. doi: 10.1016/j.janxdis.2024.102873.

➤ Research group **Hartwigsen**

Bayesian modelling disentangles language versus executive control disruption in stroke.

Hartwigsen G, Lim JS, Bae HJ, Yu KH, Kuijf HJ, Weaver NA, Biesbroek JM, Kopal J, Bzdok D.
Brain Commun. 2024 Apr 10;6(3):fcae129. doi: 10.1093/braincomms/fcae129.

➤ Research group **Valk**

Mapping pathways to neuronal atrophy in healthy, mid-aged adults: From chronic stress to systemic inflammation to neurodegeneration?

Schaefer JK, Engert V, Valk SL, Singer T, Puhlmann LMC.
Brain Behav Immun Health. 2024 Apr 24;38:100781. doi: 10.1016/j.bbih.2024.100781.