



The Central Institute of Mental Health (CIMH) stands for cutting-edge international research and groundbreaking treatment concepts in psychiatry, psychotherapy, child and adolescent psychiatry, psychosomatics and addiction medicine.

At the **Department of Theoretical Neuroscience, Bernstein Center for Computational Neuroscience Heidelberg-Mannheim**, CIMH and Heidelberg University, we offer

**a Postdoctoral position**  
**a Ph.D. student position (65 %)**

in the area of interpretable **statistical machine learning** for **(big) data analysis** in **neuroscience** and **psychiatry**, starting December 2018 or later.

We actively develop and apply cutting-edge, mainly neural-network-based methods for analysis of multi-modal and high-dimensional time series, including neuroimaging, multiple-single unit, ecological momentary assessment (smartphones & wearables), and other behavioral data, for both basic research on computational mechanisms and applications in psychiatry. Our interdisciplinary group includes researchers with theoretical physics, psychology, computer science, mathematical, and physiology backgrounds.

For more details and related publications consult [www.zi-mannheim.de/en/research/departments-research-groups-institutes/theor-neuroscience-e.html](http://www.zi-mannheim.de/en/research/departments-research-groups-institutes/theor-neuroscience-e.html). The Department is embedded in a rich, thriving and internationally outstanding research environment. Our group has multiple links to experimental and other computational groups, and is involved in several consortia in neuroscience, psychiatry and physics, at the local, European and international level.

Female scientists are particularly encouraged to apply. Severely disabled persons will be given preference provided equal qualification and suitability. If you have any questions, please contact: Dr. Daniel Durstewitz, mail: [daniel.durstewitz@zi-mannheim.de](mailto:daniel.durstewitz@zi-mannheim.de); phone number +49-621-1703-2361. We are pleased to receive your application, **via the online career portal at [www.zi-mannheim.de](http://www.zi-mannheim.de) until October 31, 2018.**