



## Two PhD positions in Cognitive Neurogenetics at Research Center Jülich

We are delighted to announce two HIBALL PhD positions in Cognitive Neurogenetics in the group of Dr. Sofie Valk, located at the Institute of Neuroscience and Medicine-7 (Brain and Behavior, headed by Prof. Dr. Simon Eickhoff), Research Center Jülich, Jülich, Germany, and at the Max Planck Institute for Human Cognitive and Brain Sciences in Leipzig, Germany. The main focus of the future PhD applicants will be to evaluate how accounts of regional segregation and system-wide integration in the brain can be united.

The applicants will work on projects integrating high resolution neuroimaging with large-scale pedigree-based neuroimaging datasets including multimodal neuroimaging data (structural MRI, functional resting-state MRI) complimented with genetic and phenotypic data.

More details on the department and group: <http://www.fz-juelich.de/inm/inm-7/EN/>

### *What we offer:*

- A 3-year PhD position in an interdisciplinary and international research environment, start-date spring/summer 2021
- Supervision and mentoring considering scientific and personal development
- Collaboration and networking within the HIBALL framework and beyond
- Multiple training opportunities at the Research Center Jülich and Heinrich Heine University Düsseldorf

### *Requirements:*

- Master's degree (or equivalent) in neuroscience, cognitive science, biological psychology, or related fields.
- Experience with programming languages such as Python/Matlab/R and shell scripting.
- Strong writing, communication, interpersonal and organizational skills.
- Experience with neuroimaging data processing and related analysis packages is a plus.

### *To apply:*

Please send your CV, names of two referees, one-page letter of motivation (emphasizing any related work/projects) and representative publications if any to Sofie Valk via email ([s.valk@fz-juelich.de](mailto:s.valk@fz-juelich.de)). Please mention "PhD application" in the subject.