

The Faculty of Medicine at Heinrich Heine University Düsseldorf invites applications for the initially temporary (5 years), with tenure-track to a permanent professorship, position of a

**Professor (W2) in Cognitive Neuroinformatics  
(Heisenberg professorship)**

at the Institute of Systems Neuroscience (Chairman: Prof. Dr. Simon Eickhoff).

The call is made within the framework of the Heisenberg Program of the German Research Foundation (DFG). A prerequisite for the establishment of the professorship and the awarding of the call is that a funding application for a Heisenberg professorship submitted by the person to be appointed received a positive decision by the DFG.

The Institute of Systemic Neuroscience works together with the Institute of Neuroscience and Medicine (INM-7, Brain & Behavior) of Forschungszentrum Jülich at the interface between neuroimaging, cognitive research and data science. There are close links to the clinical neuroscience disciplines. To strengthen the bridge between cognitive research and neuroinformatics, it is essential that the candidate has experience in both cognitive and clinical psychology as well as in the field of data science, including machine learning. In addition, there should be proven expertise in analyzing functional and structural MRI data for mapping the human brain and examining the relationship between neurobiological variance in large cohorts with individual cognitive, social-affective, and clinical phenotypes.

This professorship is not associated with clinical duties.

The appointee is expected to foster international research at Heinrich Heine University Düsseldorf and contribute to its cooperative research projects (Collaborative Research Centre 1116 "Master Switches in Cardiac Ischaemia"; Collaborative Research Centre 1208 "Identity and Dynamics of Membrane Systems - from Molecules to Cellular Functions"; Collaborative Research Centre Transregio 259 "Aortic Diseases"; Manchot Graduate School "Molecules of Infection"; Manchot Research Group "Decision-making with the help of Artificial Intelligence Methods"; Düsseldorf School of Oncology (DSO); International Research Training Group IRTG 1902 "Intra- and Interorgan Communication of the Cardiovascular System"; Research Training Group 2576 "vivid - in vivo studies of the early development of type 2 diabetes"; Research Training Group 2578 "Influence of genotoxins on the differentiation efficiency of murine and human stem and progenitor cells and the functionality of differentiated cell types derived from them"; Graduate School "iBrain - Interdisciplinary Graduate School for Brain Research and Translational Neuroscience"; Centre for Integrated Oncology (CIO-ABCD); German Consortium for Translational Cancer Research (DKTK)). Cooperation with the Leibniz Research Institute for Environmental Medicine (IUF), the German Diabetes Centre Düsseldorf (DDZ) and the Research Centre Jülich are expected.

Applicants will be hired in accordance with the general prerequisites pertaining to service law of section 36 of the North Rhine-Westphalia University Act (Hochschulgesetz NRW) which require an aptitude for teaching, exceptional competence in research, and additional scientific achievements.

Applications from women are expressly welcome. Women of equal aptitude, ability and professional competence will receive particular consideration, unless there are compelling reasons for choosing another applicant.

Heinrich Heine University lives the principle „excellence through diversity“. HHU has signed the “Charta der Vielfalt (diversity)” and successfully participated in the audit “Shaping Diversity” of the Stifterverband. HHU is certified as family-friendly and aims to promote its employees’ diversity.

Applications from suitably qualified severely disabled persons or disabled persons regarded as being of equal status according to Book IX of the German Social Legal Code (SGB – Sozial-Gesetzbuch) are encouraged.

At Heinrich Heine University Düsseldorf, appointments may also be part-time, provided there are no overriding administrative reasons in individual cases for requiring full-time employment.

Heinrich Heine University Düsseldorf offers a Dual Career Service and is a member of the Rhineland Dual Career Network (Dual Career Netzwerk Rheinland). Further information can be obtained at [www.dualcareer-rheinland.de](http://www.dualcareer-rheinland.de). Your contact person is Professor Nikolaj Klöcker MD, Dean of the Faculty of Medicine at Heinrich Heine University Düsseldorf (Mail: [berufungsverfahren@med.uni-duesseldorf.de](mailto:berufungsverfahren@med.uni-duesseldorf.de))

Please direct your application with the required documents and a short research and teaching concept in digital form exclusively via the online portal of the Medical Faculty (<http://www.medizin.hhu.de/berufungen>). The closing date for applications is July 5<sup>th</sup>, 2021.