

The **Max Planck Research Group *Pain perception*** (led by Dr Falk Eippert) at the Max Planck Institute for Human Cognitive and Brain Sciences (MPI CBS) in Leipzig, Germany, invites applications for a

Postdoctoral Researcher

Our research group seeks to understand how the multifaceted experience of pain is constructed from the interaction of external noxious input and internal expectations and predictions about pain. This work involves the use of high-resolution fMRI (as well as EEG and MEG) in combination with computational models of learning and perception at all levels of the central nervous system, with a special focus on the spinal cord. The position is funded by the European Research Council (ERC).

The MPI CBS is a leading centre for cognitive and imaging neuroscience with departments working on a wide range of themes (e. g. MR physics development, clinical applications, higher-level cognition). It hosts an excellent research infrastructure, comprising one 7T and several 3T MRI scanners, a 306-channel MEG system, facilities for the acquisition of EEG / eye-tracking / psychophysiological data, and the opportunity for non-invasive brain stimulation with TMS and tDCS. All facilities are supported by experienced IT specialists and physicists. The MPI CBS hosts a vibrant and engaging community of international researchers from diverse backgrounds. Leipzig has been called "Germany's new cultural hotspot" (The Guardian) and is located just a short train ride south of Berlin.

Applicants must have a PhD (or equivalent degree) in neuroscience, psychology, cognitive science or a related discipline and an outstanding academic track record. They are expected to demonstrate that they possess a high degree of initiative and motivation, are able to work both independently and in a collaborative environment and have excellent interpersonal and organizational skills. The ideal candidate will be proficient in all aspects of conducting neuroimaging experiments and will have a strong foundation in data analysis and programming (e. g. in Matlab, R, Python). A distinct advantage would be experience in computational modelling and machine learning methods.

The starting date for the position is flexible, but no earlier than January 1st, 2020. The duration of the post is 2 years, with a possible extension. Remuneration is based on the pay scale of the Max Planck Society. The Max Planck Society is committed to increasing the number of individuals with disabilities in its workforce and therefore encourages applications from such qualified individuals.

To apply, please submit a single PDF file containing a cover letter, a curriculum vitae, academic certificates, contact information for two referees, a brief personal statement (describing your research experience, your academic achievements and your motivation to apply for this position; 1 page), and copies of up to three of your publications. Please submit your application via our online system at <http://www.cbs.mpg.de/vacancies> (using subject heading "**PD 16/19**"). Closing date for applications is **30.11.2019**.

For further information, please contact Falk Eippert (eippert@cbs.mpg.de) or visit our website (<https://www.cbs.mpg.de/independent-research-groups/pain-perception>).