



## Vacancy Notice 55/2019

The Otto von Guericke University Magdeburg (OVGU) is an internationally oriented and regionally networked university with a strong research profile.



The Otto-von-Guericke-University Magdeburg seeks to fill the following vacancy:

### PhD student

Faculty of Natural Sciences, Institute of Psychology,  
Dept. of Neuropsychology

Salary Scale:	Date commencing:	Fixed term until:	Contract status:
13 TV-L	01.05.2019	2 years, 8 month	65 %

### Goal:

The candidate shall contribute substantially to the project “Genome-wide association study with electrophysiological correlates of human performance monitoring”, funded by the Deutsche Forschungsgemeinschaft. Principal investigators: Prof. Dr. Markus Ullsperger and Dr. Tilmann Klein. The project will be carried out in collaboration with researchers at Ulm University, Freie Universität Berlin and University of Nottingham. The successful applicant will be given the possibility to obtain a doctoral degree in natural sciences. The employee will learn to apply model-based single-trial EEG analyses to large data sets.

The project is embedded in Prof. Ullsperger’s lab’s general research line. The team is multidisciplinary and combines a broad variety of cognitive neuroscience methods. The Department of Neuropsychology and Magdeburg in general offer cognitive neuroscientists a unique, multidisciplinary working and learning environment with opportunities for developing expertise in a diversity of research areas and techniques. Four MRI scanners (7T, 3T), several (MR-compatible) EEG systems, an MEG system, TMS and high-performance computational facilities are available.

The successful applicant will be given the possibility to obtain a doctoral degree in natural sciences.

### Requirements:

- an excellent Diploma/Master degree; major disciplines psychology, medicine, neuroscience, neurobiology or related subjects
- experience with EEG, and/or analysis of behavioral data concerning cognitive processes is advantageous
- interest in/experience with research on performance monitoring, cognitive control, decision making, learning in humans.

Content-related questions should be directed to Prof. Dr. Markus Ullsperger ([markus.ullsperger@ovgu.de](mailto:markus.ullsperger@ovgu.de)) or Dr. Tilmann Klein ([Tilmann.klein@ovgu.de](mailto:Tilmann.klein@ovgu.de)).

Applications from disabled persons will be given priority in the case of equal suitability, ability and professional expertise. The Otto von Guericke University aims to increase the proportion of women researchers within the university and specifically encourages women to apply.

Please note the information for storage of personal data: [https://www.uni-magdeburg.de/Datenschutz\\_Bewerber.html](https://www.uni-magdeburg.de/Datenschutz_Bewerber.html)

Please send your complete application (cover letter, curriculum vitae, references) quoting reference number 55/2019 by **March 15<sup>th</sup>, 2019 (date of receipt of application)** to the address below or via e-mail (all documents concatenated in one pdf):