

The Emmy Noether Research Group „Neurophysiology of Everyday Life“ in the Department of Psychology, School of Medicine and Health Sciences, University of Oldenburg, is seeking to fill a position as

Doctoral researcher (wissenschaftliche/r Mitarbeiter/in)

(E 13 TV-L 65% for 3 years, starting as soon as possible).

The position will be part of the project: **Transparent EEG for Monitoring Noise Perception in Everyday life (TEMPEL)**. In this project, we will study noise perception and why noise annoys us using mobile ear-centered electroencephalography (EEG). One part of the project is the advancement of technological and methodological foundations of beyond the lab EEG acquisition.

As PhD candidate, you will work on a project regarding the signal quality of long-term mobile ear-EEG recordings. You will investigate how artifacts affect the signal quality of everyday life recordings. Your task will be to acquire long term EEG in everyday situations. You will develop methods to predict, prevent and reduce artifacts. You will work closely together with other PhD students that work on related projects.

We are seeking a highly motivated candidate with an academic university degree (master or equivalent) in the field of psychology, biology, (cognitive) neuroscience, computer science, biomedical engineering or related disciplines. A prerequisite is a proven strong interest in bio-signal processing (e.g. as part of your master thesis or as research assistant). Experience in EEG recordings (especially using mobile EEG) are a plus. Fluency in oral and written English is necessary.

The University of Oldenburg offers cutting-edge infrastructure for neuroscience research, and an international, friendly environment with researchers and students with diverse backgrounds. The research group is tightly integrated in the Department of Psychology and associated with the Cluster of Excellence Hearing4all.

The University of Oldenburg is dedicated to increase the percentage of female employees in the field of science. Therefore, female candidates are strongly encouraged to apply. In accordance to § 21 Section 3 NHG, female candidates with equal qualifications will be preferentially considered. Handicapped applicants will be given preference in case of equal qualification. Full-time positions can be also turned into part-time ones.

Please send your application including cover letter, CV, a list of publications (if applicable) and copies of academic certificates in one pdf file to Dr. Martin Bleichner (martin.bleichner@uol.de). Dr. Bleichner can be contacted for further questions regarding the position. The application deadline is June 23rd. For an indication of the salary please refer to <https://oeffentlicher-dienst.info/tv-l/allg/>.