



The *Cognitive Neuroscience Lab* (Prof. Christian Fiebach) at the Department of Psychology of Goethe University Frankfurt offers three research positions as part of an ERC consolidator project that investigates neurophysiological mechanisms of language processing from a predictive coding perspective:

**Postdoctoral Researcher (German Salary Level E13, 100%) in Cognitive and Computational Neuroscience of Language**

We seek a colleague with a strong background in EEG/MEG, fMRI, and/or neuro-computational modeling, and an interest in brain mechanisms underlying language processing. You should have skills in signal processing, data analysis, and/or computational modeling, programming skills (e.g., Matlab, Python), and willingness to acquire expertise in all three methods. The successful candidate will be involved in all aspects of the project and should be motivated to further develop this topic. The position is offered initially for two years. However, an extension for up to five years is possible.

**Two PhD positions (German Salary Level E13, 65%) in Cognitive Neuroscience of Language**

The PhD projects involve fMRI and MEG/EEG experiments in the field of language processing. We encourage applications from excellent and enthusiastic candidates with MSc or equivalent degrees from Psychology, Neuroscience, Computational Neuroscience, Biology, Physics, or related areas, who share our interest in understanding investigating the neural bases of language processing. Programming skills (e.g., Matlab, Python) are appreciated. Tasks involve the design, acquisition, and analysis of fMRI and MEG/EEG experiments, as well as the publication of research findings. The PhD positions involve funding for three years.

Our lab is at the Department of Psychology and is part of Frankfurt's vibrant neuroscience community (Interdisciplinary Center for Neurosciences Frankfurt) and the larger Rhein-Main area (Rhein Main Neuroscience Network Frankfurt/Mainz). We have access to state of the art facilities involving the Frankfurt Brain Imaging Center with two 3T MR scanners and a 275 channel MEG, as well as EEG, fNIRS and eye tracking.

The positions are available from September 1, 2014, and available until filled. Further information can be obtained directly from Christian Fiebach.

Please send your complete application (including CV, certificates, as well as names of two referees) electronically to Prof. Christian Fiebach, Department of Psychology, Goethe University Frankfurt, Grüneburgplatz 1, D-60323 Frankfurt am Main ([fiebach@psych.uni-frankfurt.de](mailto:fiebach@psych.uni-frankfurt.de)).