The Dept. of Epileptology, at University of Bonn Medical School, Germany invites candidates for a

**Postdoctoral Scientist position (100%)**

The Cortical Oscillations Lab, at the Dept. of Epileptology, Univ. of Bonn, is recruiting a highly motivated Postdoctoral scientist.

Our Lab focuses on understanding the electrophysiological processes underlying successful memory formation in humans. The PostDoc position is funded by the German Research Foundation in the context of the Collaborative Research Center “Synaptic micronetworks in health and disease” (SFB 1089). Within this project we will conduct combined micro- and macroelectrode recordings in presurgical epilepsy patients in collaboration with the Lab of Prof. Florian Mormann. The data will be analyzed with state-of-the-art methods of quantitative EEG/LFP and action potential analysis. The aim of this project is to identify the interrelation between cellular and system level electrophysiological correlates of successful memory encoding and retrieval.

The candidate should have:

- experience in the analysis of action potentials (including spike sorting)
- ideally, also experience in EEG and ERP analysis
- interest in memory research
- interest in conducting experiments with human subjects
- German language skills (fluent oral in order to communicate with patients)
- ability to work independently and as part of a team

We offer a collaborative and inspiring environment with sophisticated research questions and cutting-edge methods of cognitive neurophysiology.

The position starts on July 1st 2017 or later and is limited to June 30th 2021.

Salary will be according to the German salary scale TV-L E13.

The University of Bonn is an equal opportunities employer.

Interested candidates are encouraged to apply (application number: 226_2017) with their CV and publication list via Email, latest by July 10th 2017, to:

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