Applications invited for two full-time research positions at the central academic institute CITEC and the research group Cognitive Neuroscience (Faculty of Biology) (E13 TV-L, non-permanent positions)

Main responsibilities

Central academic institute CITEC and the research group Cognitive Neuroscience are seeking to fill two full-time PostDoctoral positions in the context of the EU ERC-Project DynaSens (‘Understanding the neural mechanisms of multisensory perception based on computational principles’). These academic staff positions (TV-L E13) are advertised with fixed-term employment for three years.

The goal of our research is to understand how, and using which neural mechanisms, the brain combines multiple sensory inputs into a coherent percept. The research will combine EEG-based neuroimaging with psychophysical measurements and advanced statistics, and operate at the intersection of Biology, Psychology and Statistics.

The research duties (100 %) include:

- Design and programming of psychophysical perceptual studies using relevant software, e.g. Matlab
- Collection of behavioral data
- Collection of EEG data
- Statistical analysis of the collected data using relevant software, e.g. Matlab
- Writing of scientific publications
- Presentation of data at international meetings
- Literature reviews

Applicant’s Profile

The successful candidate is expected to have:

- University degree in a relevant discipline, such as biology, physics, bioinformatics, psychology or medicine
- Doctorate (PhD) in a relevant discipline

The successful candidate should preferably have:

- Programming skills, e.g. in R, Python or C+
- Good knowledge of psychophysical literature or with neuroimaging
- Good knowledge of statistics
- Own scientific publications in a relevant field
- Experience in working with autistic or elderly participants in scientific studies

Remuneration

Salary will be paid according to Remuneration level 13 of the Wage Agreement for Public Service in the Federal States (TV-L). As stipulated in § 2 (1) sentence 2 of the WissZeitVG (fixed-term employment), the contract will end on October 31, 2020. In accordance with the provisions of the WissZeitVG and the Agreement on Satisfactory Conditions of Employment, the length of contract may differ in individual cases. The employment is designed to encourage further academic qualification. The positions are advertised as fulltime jobs. In individual cases, this percentage may be reduced on request, as long as this does not conflict with official needs.

Bielefeld University is particularly committed to the career development of its employees. It offers attractive internal and external training and further training programmes. Employees have the opportunity to use a variety of health, counselling, and prevention programmes. Bielefeld University places great importance on a work-life balance for all its employees.

Application Procedure

For full consideration, your application should be received preferably via email (a single PDF document) sent to norbert.boeddeker@uni-bielefeld.de by 14th of September 2017. Please mark your application with the identification code wiss17222. Please do not use application portfolios and send only photocopies of original documents because all application materials will be destroyed at the end of the selection procedure. Further information about Bielefeld University can be found on our homepage at www.uni-bielefeld.de.

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Bielefeld University has received a number of awards for its achievements in the provision of equal opportunity and has been recognized as a family friendly university. The University welcomes applications from women. This is particularly true for young women with regard to academic and technical posts as well as positions in Information Technology and Trades and Craft. Applications are handled according to the provisions of the state equal opportunity statutes.

Applications from suitably qualified handicapped and severely handicapped persons are explicitly encouraged.