The Faculty of Psychology and Sport Science, department Psychology, AE14, Biopsychology & Cognitive Neuroscience, offers a full-time research position starting as soon as possible (June 1, 2020 at the latest)

Your Tasks

The Heed group investigates multisensory and sensorimotor processing with emphasis on tactile processing and motor decisions in adults and children (see https://bit.ly/2SIoFZm). The lab provides EEG, TMS, EMG, and a two-armed Kinarm. The Kayser group investigates the neural and computational mechanisms that underlie the processing of sensory information into a common percept (see https://bit.ly/3fUfTrb). Our collaboration merges the research interests of the two groups. It combines behavioral studies with the manipulation of brain activity using transcranial magnetic stimulation (TMS). The project’s aim is to characterize multisensory and sensorimotor processing in parietal cortex. You will develop, implement, acquire, analyze, and publish behavioral and TMS experiments. No teaching provided. The common project language is English

Your Profile

We expect a team member who has obtained a relevant master degree and (nearly) completed his/her dissertation in psychology, neuroscience or another relevant field, who will actively support our complex, international project with high motivation. You must have experience with programming, acquisition and analysis of neuroscientific experiments. You work independently, and your work style is thorough and precise. You enjoy addressing and solving the many challenges in experimental design and setup as well as in data analysis. You are team-oriented and bring high communication skills. We practice open science, and we publish code and data along with our papers; we expect your commitment towards these work principles.

Preferable qualifications

We are looking for a candidate who has extensive experience with planning and acquiring TMS studies or studies of other, similar methods of brain stimulation. Excellent programming skills for experiments, analysis and statistics (e.g. Matlab, Python, R, C++) and in-depth statistical knowledge will be a great advantage.

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) of the WissZeitVG (fixed-term employment), the contract will end after two years. 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, for instance by pursuing habilitation. In principle, these full-time position may be changed into a part-time position, as long as this does not conflict with official needs.

Bielefeld University is particularly committed to equal opportunities and 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-family balance for all its employees.

Application Procedure

For full consideration, your application should be received via either post (see postal address below) or email (a single PDF; document sent to tobias.heed@uni-bielefeld.de by the 10th of January 2020). Please mark your application with the identification code: wiss19293. The application should consist of: 1) motivation letter (max. 2 pages), including a brief description of your current research work, achievements, and research interests; 2) CV; 3) list of publications; 4) contact details of two scientists who can provide references. 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 on Bielefeld University can be found on our homepage at www.uni-bielefeld.de. Please note that the possibility of privacy breaches and unauthorized access by third parties cannot be excluded when communicating via unencrypted e-mail. Information on the processing of personal data is available at https://www.uni-bielefeld.de/Innenstadt/Aktuelles/Stellenausschreibungen/2019_DS-Hinweise_englisch.pdf.

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The University of Bielefeld has a number of awards for its achievements as an equal opportunity employer and has been recognized as a family-friendly university. The university welcomes applications from women. This is particularly true with regard both to academic and technical posts as well as positions in information technology as well as the skilled crafts and trades. Applications are handled according to the provisions of the state statutes on equal opportunity. Applications from suitably qualified handicapped and severely handicapped persons are explicitly encouraged.