The Faculty of Biology, Department of Neurobiology, offers a part-time research position starting October 1st, 2020 (E13 TV-L, non-permanent position)

Your Tasks

You will work as an Early Stage Researcher in the following research groups:

- the Neurobiology Lab, Bielefeld (Prof. Martin Egelhaaf)
- the Behavioural and Cognitive Ecology Lab, Toulouse (Dr. Mathieu Lihoreau)

The tasks are performed both at the University of Bielefeld (Germany) and in the cooperation laboratory in Toulouse (France).

Project description:

How do animals acquire, process and combine information about the world to navigate accurately is a fundamental question in biology. The challenge of navigation may appear even more impressive when considering flying insects. A foraging bee, for instance, must search for flowers over vast territories, learn their locations and establish efficient paths between them before relocating the next to unload food.

As an Early Stage Researcher you will combine novel technologies to investigate the importance of flying altitude in solving challenging 3D navigational tasks. (100 %)

We offer an international work environment and the opportunity to do a doctorate in the research project.

Your Profile

We expect

- highly motivated candidate with a relevant completed university degree (e. g. Master Sc.) in biology, neuroscience or any related subjects
- interest in insect navigation and cognition and neuroethology
- advanced knowledge in at least one programming language ("Python" preferred)
- excellent academic track-record
- theoretical knowledge and in-depth practical experience with animal behaviour
- fluent English language skills (written and oral)
- mobility

Preferable qualifications

- knowledge in German and French language (written and oral)

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 1 of the WissZeitVG (fixed-term employment), the contract will end after three 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. The position is advertised as 65 % part-time job. 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 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 olivier.bertrand@uni-bielefeld.de by May 15th, 2020. Please mark your application with the identification code: wiss20061. 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 https://www.uni-bielefeld.de/Universitaet/Aktuelles/Stellenausschreibungen/2019_DS-Hinweise_englisch.pdf.

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