

The research group "Sensory Dynamics and Behaviour" of Prof. Dr. Tobias Ackels at the Institute of Experimental Epilepsy and Cognition Research at the University Hospital Bonn invites applications for a **full-time (38.5 hours/week) position to be filled immediately** as:

Research Associate / Postdoc (m/f/d)

Tasks:

We are seeking a highly motivated scientist with a strong interest in technical questions in the context of neuroscience and in the development of new technology. The position entails active participation within the framework of the DFG-funded research unit FOR 5424 "Modulation in Olfaction" (<http://www.modolfor.de>).

The project is centred on the optimization of a standardised odour delivery device (olfactometer) based on the design of a recently published precise and modular olfactometer (Ackels et al., 2021). Together with the research associate/postdoc (m/f/d), we will evaluate the specific needs of the FOR members' laboratories in the research unit concerning their existing setups to adapt the olfactometer hardware combined with professional, standardized control software.

Requirements:

- Completed studies or doctorate in neuroscience, engineering, physics or related disciplines
- A professional, team-oriented and flexible working attitude
- Strong interest in designing, developing, setting up and working with custom built equipment
- Experience in version-controlled coding using Python and / or Matlab is desirable
- Openness to travel between partner laboratories (e.g. Magdeburg, Bielefeld, London)
- Fluency in English with strong communication skills to work in an interdisciplinary environment

We offer:

- Highly interdisciplinary research project
- A thriving international and collaborative research environment
- Access to start-of-the-art mechanical and electronics workshops
- A salary according to the German salary scale TV-L (EG 13, 100%) for two years, with the possibility of an extension
- Direct association with the DFG-funded FOR 5424 "Modulation in Olfaction"
- Supplementary benefits in the public sector (pension plan according to VBL)
- Corporate customer ticket (subsidized public transport)
- Possibility to use the day care centre

The University of Bonn is committed to diversity and equal opportunity. It is certified as a family-friendly university. It aims to increase the proportion of women in areas where women are under-represented and to promote their careers in particular. It therefore urges women with relevant qualifications to apply. Applications will be handled in accordance with the Landesgleichstellungsgesetz (State Equality Act). Applications from suitable individuals with a certified serious disability and those of equal status are particularly welcome.

How to apply:

Applicants should send their application in a single pdf file (max. 5 MB), including a cover letter explaining your qualifications and motivation for joining the team, CV, and contact information for two references. Applications will be shortlisted based on the above selection criteria. Please send your formal application to Prof. Dr. Tobias Ackels via email until **30.06.2024**. Informal enquires about the post are welcome under tobias.ackels@ukbonn.de. For more information on our research, please visit www.ackelslab.com.

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