

The Institute of Neuroscience and Medicine - Cognitive Neuroscience (INM-3) – at the Forschungszentrum Jülich (FZJ) is seeking applications for a

## Postdoc position (3 years) in TASTE science

About 5,900 employees make FZJ what it is: a top-class European research centre. Researchers at the INM3 investigate the neural mechanisms underlying cognitive (dys-)function in healthy subjects and patients suffering from neurological disorders. Functional imaging and electrophysiological methods are combined with computational approaches.

The successful candidate will be part of the *Cognitive Neurophysiology* group under the supervision of **Dr. Kathrin Ohla**. The group investigates taste neuronal processing and perception in health and disease.

### Responsibilities

- Planning and implementation of research studies and analysis of multimodal data (psychophysics, intracranial recordings, M/EEG, fMRI)
- Implementation/validation of stimulation and analysis approaches (e.g., time-series analysis, multivariate pattern analysis, behavioral modeling)
- Presentation and publication of the results
- Interaction with team members and collaborators from Psychology, Medicine, Engineering and Computational Neuroscience

### Requirements

- Doctoral degree in Computational, cognitive or systems Neuroscience, Psychology, Biology or a related field
- Excellent statistical, programming skills (Python and/or Matlab)
- Advanced data analysis skills (e.g. time-series analysis, MVPA)
- Prior experience with M/EEG/fMRI and/or psychophysics
- Strong interest in experimental research
- Excellent oral & written English

### We offer

- Exciting research in an emerging and interdisciplinary research field.
- Excellent supervision and ample training opportunities.
- A stimulating, collaborative, and international research environment.
- An attractive, green research campus, situated between the cities of Cologne, Düsseldorf, and Aachen.
- Salary and social benefits in conformity with the provisions of the Collective Agreement for the Civil Service (TVöD).

To apply send your application (letter stating your motivation, experience, and interests, CV, certificates, contact details of two references) preferably as a single pdf) to **k.ohla@fz-juelich.de**. Application deadline: **November-15-2019** (or until position is filled).

For further information, contact Kathrin Ohla (k.ohla@fz-juelich.de) and check out our website: [www.ohlalab.de](http://www.ohlalab.de) & <https://loop.frontiersin.org/people/76632/overview>.