

PhD student in Cognitive Neuroscience

Research topic

The research focus will be on combining neuroimaging and behavioural measurements with computational models to understand how the human brain learns and uses prior expectations during speech and/or face perception. More information can be found here: <http://predcommlab.eu/>

Location

The project will be based at the Institute of Systems Neuroscience at the University Medical Center Hamburg-Eppendorf in Hamburg, Germany.

What we offer:

- Opportunity to get hands-on supervision for learning various data acquisition and analysis techniques (e.g., representational similarity analysis (RSA))
- Dynamic, interdisciplinary, and international research environment within the Institute of Systems Neuroscience
- Research-dedicated T3 MR scanner (PRISMA), eye-tracking and EEG laboratories, excellent infrastructure for behavioural testing
- Multiple training opportunities within the institute (e.g., <https://goo.gl/pU44vP>)
- For PhDs: Possibility to join the local graduate school, which is a member of national and international networks <https://www.uke.de/kliniken-institute/institute/systemische-neurowissenschaften/lehrangebote-fortbildungen/graduate-school-workshops.html>

Requirements for the PhD position:

- A Master of Science or an equivalent degree in neuroscience, cognitive science, psychology, or a related discipline
- Experience in programming (e.g., MATLAB)
- Keen interest in experimental approaches to study predictive processing, learning, and communication
- Motivation to work independently as well as in a team environment
- Strong organizational skills
- Fluency in English

Application:

Applications will be accepted until the position is filled. Salary depends on experience and is based on German regulations (TVöD-VKA-13 for PhD positions with the factor 65%). The appointment will be initially for 3 years with the possibility for continuation. The group is committed to maintaining a diverse and inclusive environment.

If you are interested, please send one pdf-document including 1) your CV, 2) a brief statement of research interest, 3) certificates, and 4) the contact details of two academic referees to hblank@uke.de. Informal inquiries are very welcome.