GEORG-AUGUST-UNIVERSITÄT
GÖTTINGEN

A newly established project of the Collaborative Research Center (CRC) 1528 "Cognition of Interaction" (www.sfb1528.uni-goettingen.de) at the University of Göttingen invites applications for a position as

Ph.D. student in Primate Neuroscience

(all genders welcome)

interested in studying the neural correlates of naturalistic decision-making. The position is available for three years, (65% position at payment level E13 TV-L, currently 25.9/week). The position is to be filled as soon as possible.

The CRC 1528 is establishing a new research group to study the neural correlates of vigilance in naturalistic environments. To survive in the wild, primates have evolved to stay aware of their surroundings, i.e., vigilant, while working toward a task such as seeking food. The new research group (https://www.uni-goettingen.de/de/671561.html) will investigate how modulation of vigilance affects goal-directed actions and their representation in parietal and frontal cortices. The prospective Ph.D. candidate will be trained to play a leading role in designing the experiments, conducting behavioral and chronic electrophysiological recordings, video-based motion capture, and component analysis of neural representations. The student will be supervised by Dr. Neda Shahidi and will become a member of the new research group within the CRC 1528. This involves collaborating closely with consortium members from systems and computational neuroscience, data science, psychology and behavioural and cognitive biology. Institutional collaboration partners are the German Primate Center, the University Medical Center and the European Neuroscience Institute, the Max Planck Institute for Dynamics and Self-Organization, the University Medical Center Hamburg-Eppendorf, and the Weizmann Institute of Science in Rehovot, Israel. The successful candidate will join one of the many excellent graduate schools on the Göttingen Campus.

Your profile

- Master's Degree in neurosciences, data sciences, biomedical sciences, or related fields.
- Very good English skills, including scientific writing
- Skilled in data analysis in Matlab, Python, or R
- Strong motivation to independently train macaques for cognitive tasks
- Basic knowledge of neurophysiology

Experiences in animal training, data mining, and/or dynamic system analysis and professional qualities such as creativity in problem-solving, persistence, responsibility, and team-playing are highly desired.

The University of Göttingen is an equal opportunities employer and places particular emphasis on fostering career opportunities for women. Qualified women are therefore strongly encouraged to apply in fields in which they are underrepresented. The university has committed itself to being a family-friendly institution and supports their employees in balancing work and family life. The mission of the University is to employ a greater number of severely disabled persons. Applications from severely disabled persons with equivalent qualifications will be given preference.

Please submit your application as a single pdf with the following documents:

Curriculum vitae, a statement of motivation (also elaborate on your knowledge of neurophysiology), university degree certificates, and the names and contact information of two references to Neda Shahidi (nshahidi@dpz.eu),

Please send your application by email until **March 5th, 2023** to

FAMILIE IN DER HOCHSCHULE
Mitglied des Best Practice-Clubs

Georg-August-Universität Göttingen

CRC 1528 Cognition of Interaction

Dr. Neda Shahidi

Kellnerweg 4, 37077 Göttingen.

E-Mail: nshahidi@dpz.eu; cc Dr. Christian Schloegl (christian.schloegl@mail.gwdg.de)

For questions about the position, please contact Neda Shahidi (nshahidi@dpz.eu); For questions about the application procedure, please contact christian.schloegl@mail.gwdg.de

Please note:

With submission of your application, you accept the processing of your applicant data in terms of data-protection law. Further information on the legal basis and data usage is provided in the Hinweisblatt zur Datenschutzgrundverordnung (DSGVO) https://www.uni-goettingen.de/hinweisdsgvo