



Technische Universität Berlin offers an open position:

Research Assistant - 0.65 working time - salary grade E13 TV-L Berliner Hochschulen - 1st qualification period (PhD candidate)

Faculty V - Institute for Psychology and Ergonomics / Department of Cognitive Psychology and Cognitive Ergonomics

Reference number: V-219/23 (starting at the earliest possible / for a period of 5 years / closing date for applications 05/05/23)

Working field:

- teaching of mandatory courses at the bachelor (e.g., Psychology for Engineers) and masters (e.g., Cognitive Psychology) level, as well as elective courses at the masters level (e.g., Human-Robot-Interaction, Embodied Cognition, etc.)
- conception, implementation and analysis of behavioral (e.g., reaction times, error rates) and neurophysiological (e.g., EEG, eye tracking) experiments on the topics of human-robot-interaction, embodied cognition or social automation
- programming of social robot platforms (in Python, e.g., NAO, Sawyer)
- conception, preparation and publication of scientific articles in peer-reviewed journals
- presentation of empirical research at (inter-)national conferences
- preparation, elaboration and revision of research proposals (e.g., DFG, ERC)
- supervision of master theses in the Human Factors program at TUB

Requirements:

- successful completion of a university degree (diploma, masters or equivalent) in psychology, human factors, neuroscience, computer science or related areas
- very strong motivation to conduct empirical research in the laboratory (e.g., with robots, eye tracking, VR environments, EEG)
- very strong interest in human-robot interaction and social neuroscience
- experience with programming behavioral experiments with human participants (e.g., Python, Matlab) and statistical analysis of empirical data (e.g., R)
- experience with collecting behavioral data from human participants
- ability to conduct independent and responsible scientific research
- excitement about working in an international and interdisciplinary team
- sufficient language proficiency to teach classes in both German and English is expected

Desired (but not required) qualifications:

- Experience with programming robot platforms (in Python)
- Experience with programming virtual environments (in Unity)
- Experience with collecting neurophysiological data (e.g., EEG, eye tracking)
- Experience with collecting and analyzing data from multiple sources
- Experience with collecting data under realistic conditions

Please send your application **including code number** and application materials (motivation letter, CV, certificates; all in one pdf) **via email to Prof. Dr. Eva Wiese (eva.wiese@tu-berlin.de) and Christin Böschow (christin.boeschow@tu-berlin.de).**

By submitting your application via email you consent to having your data electronically processed and saved. Please note that we do not provide a guarantee for the protection of your personal data when submitted as unprotected file. Please find our data protection notice acc. DSGVO (General Data Protection Regulation) at the TU staff department homepage: https://www.abt2-t.tu-berlin.de/menue/themen_a_z/datenschutzerklaerung/ or quick access 214041.

To ensure equal opportunities between women and men, applications by women with the required qualifications are explicitly desired. Qualified individuals with disabilities will be favored. The TU Berlin values the diversity of its members and is committed to the goals of equal opportunities.

Technische Universität Berlin - Die Präsidentin - Fakultät V, Institut für Psychologie und Arbeitswissenschaft, Kognitionspsychologie und Kognitive Ergonomie, Prof. Dr. Eva Wiese, Sekr. MAR 3-2, Marchstraße 23, 10587 Berlin

The vacancy is also available on the internet at <https://www.personalabteilung.tu-berlin.de/menue/jobs/>

