Technische Universität Berlin

Technische Universität Berlin offers an open position:

Research Assistant - 0.6667 working time - salary grade E13 TV-L Berliner Hochschulen - 1st qualification period (PhD candidate)

The Cognitive Psychology and Ergonomics Unit at TU Berlin (PI: Prof. Eva Wiese) is seek-ing a highly motivated PhD student who is interested in conducting empirical, cutting-edge research on human-centered design of technology, with a specific focus on social interactions between humans and artificially intelligent systems (including robots). Suitable candidates will be part of an international team, conduct applied research on topics highly relevant to modern societies and develop empirically derived design guidelines and prin-ciples that define how technology ought to be implemented to support effective, meaningful and ethical human-AI interactions.

Faculty V - Institute for Psychology and Ergonomics / Department of Cognitive Psychology and Cognitive Ergonomics
Reference number: V-610/23 (starting at the earliest possible / for a period of 5 years / closing date for applications 10/11/23)

Working field:

- Teaching mandatory courses at the bachelor (e.g., Psychology for Engineers) and masters (e.g., Cognitive Psychology) level, as well as elective courses at the master's level (e.g., Human-Robot Interaction)
- Conception, implementation and analysis of behavioral (e.g., reaction times) and neurophysiological (e.g., EEG, eye tracking) experiments on the topics of human-robot-interaction, embodied cognition and / or explainable AI
- Programming of social robot platforms
- Conception, preparation and publication of scientific articles in peer-reviewed journals
- Presentation of empirical research at international conferences
- Supervision of master theses in the Human Factors program

Requirements:

- Successful completion of a university degree (Diplom, Master or equivalent) in psychology, human factors, neuroscience, computer science or related areas
- Knowledge of theories and research on human-robot interaction, embodied cognition and explainable AI
- Experience with conducting empirical research with human participants using behavioral and neurophysiological methods
- Experience with programming experiments in content areas like experimental, cognitive or social psychology
- Experience with statistical analysis of empirical data (e.g., R)
- Excitement about working in an international and interdisciplinary team
- Sufficient language proficiency to teach classes in German and/or English is required; willingness to learn either English or Germn is expected

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 Seidel (christin.seidel@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.

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/

Zertifikat seit 2008
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