Technische Universität Berlin

Technische Universität Berlin offers an open position:

Research Assistant - salary grade E13 TV-L Berliner Hochschulen- 1st qualification phase (PhD candidate)

part-time employment may be possible

Faculty IV - Institute of Computer Engineering and Microelectronics / Computational Psychology
Reference number: IV-229/25 (starting at the earliest possible / for 5 years / closing date for applications 27/06/25)

Working field:

Research in the department addresses questions of early and mid-level visual perception (https://jov.arvojournals.org/article.aspx?articleid=2783478). We conduct psychophysical experiments in combination with computer-aided modeling of experimental data (https://www.sciencedirect.com/science/article/pii/S0042698924000944?via%3Dihub). Independent research is just as much a part of the candidate's duties as the supervision of junior researchers (BA and MA students, student employees).

Candidates are expected to:

- Carry out research work independently
- Present research findings at national and international conferences
- Publish research results in academic journals
- Take on independent teaching tasks in the courses offered by the department
- Participate in current research projects of the department

Requirements:

- Successfully completed university degree (Master, Diplom or equivalent) in psychology, cognitive science, neuroscience or a closely related field
- Proven knowledge in the field of computational modeling
- Ability to teach in German and/or English; willingness to acquire the missing language skills.
- Experience in the field of psychophysics of perception, measurement of subjective aspects of perception, epistemology of visual perception research, monitor calibration, psychometric measurement techniques,...
- Experience with visualization techniques and statistical data analysis
- Familiarity with numerical simulations (e.g. in Python, Octave, Matlab or similar)

Desirable:

- Ability to work in a team
- High motivation and independence
- Experience in one or more of the following topics is highly advantageous:
  o Experience in the field of psychophysics of perception, measurement of subjective aspects of perception, epistemology of visual perception research, monitor calibration, psychometric measurement techniques,...
  o Experience with visualization techniques and statistical data analysis
  o Familiarity with numerical simulations (e.g. in Python, Octave, Matlab or similar)

Please send your application with the **reference number** and the usual documents, only via email in one single pdf file, max. 5 MB, to **marianne.maertens@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 guaranty 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. Applications from people of all nationalities and with a migration background are very welcome.

Technische Universität Berlin - Die Präsidentin - Fakultät IV, Institut für Technische Informatik und Mikroelektronik / FG Computational Psychology, Prof. Dr. Maertens, Sekr. MAR 5-5, Marchstr. 23, 10587 Berlin

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

Zertifikat seit 2008
audit familiengerechte hochschule