TUD Dresden University of Technology, as a University of Excellence, is one of the leading and most dynamic research institutions in the country. Founded in 1828, today it is a globally oriented, regionally anchored top university as it focuses on the grand challenges of the 21st century. It develops innovative solutions for the world's most pressing issues. In research and academic programs, the university unites the natural and engineering sciences with the humanities, social sciences and medicine. This wide range of disciplines is a special feature, facilitating interdisciplinarity and transfer of science to society. As a modern employer, it offers attractive working conditions to all employees in teaching, research, technology and administration. The goal is to promote and develop their individual abilities while empowering everyone to reach their full potential. TUD embodies a university culture that is characterized by cosmopolitanism, mutual appreciation, thriving innovation and active participation. For TUD diversity is an essential feature and a quality criterion of an excellent university. Accordingly, we welcome all applicants who would like to commit themselves, their achievements and productivity to the success of the whole institution.

At the Faculty of Psychology, Institute of Work, Organizational and Social Psychology, the Chair of Engineering Psychology and Applied Cognitive Research and the Cluster of Excellence “Centre for Tactile Internet with Human-in-the-Loop (CeTI) https://www.ceti.one offers a position as

Research Associate / Postdoc (m/f/d)
(subject to personal qualification employees are remunerated according to salary group E 13 TV-L)

starting at the earliest possible date. The position is limited until December 31, 2025 and offers the chance to obtain further academic qualification. The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz - WissZeitVG).

The Cluster of Excellence CeTI and the TU Dresden offer an excellent scientific infrastructure and an ideal environment for interdisciplinary cooperation. For empirical work, there is access to various laboratory facilities such as eye tracking, motion capture, EEG and neuroimaging.

Tasks: The research will combine knowledge of human perception and attention with innovative sensor/actuator technologies to develop new integrative multimodal interface solutions for enhanced interactions between humans and cyber-physical systems (CPS). Based on empirical experiments, psychophysical and neurocognitive data will be collected to better understand needs, constraints, and challenges in human-CPS interactions. The work will mainly focus on the integration of multisensory data, i.e. visual, auditory and haptic information.

Requirements: very good university degree (Diplom; M.Sc.) in psychology; completed PhD and own project experience; experience with the collection and analysis of psychophysical data, especially with eye tracking and motion capture; proficiency in the English language, flexibility, initiative, independence and ability to work in a team.

TUD strives to employ more women in academia and research. We therefore expressly encourage women to apply. The University is a certified family-friendly university and offers a Dual Career Service. We welcome applications from candidates with disabilities. If multiple candidates prove to be equally qualified, those with disabilities or with equivalent status pursuant to the German Social Code IX (SGB IX) will receive priority for employment.

Please submit your detailed application (CV, study documents, letters of reference etc.) by August 21, 2023 (stamped arrival date of the university central mail service applies) to: TU Dresden, Fakultät Psychologie, Institut für Arbeits-, Organisations- und Sozialpsychologie, Professor für Ingenieurpsychologie und Angewandte Kognitionsforschung, Herrn Prof. Sebastian Pannasch, Helmholtzstr. 10, 01069 Dresden or via the TUD SecureMail Portal https://securemail.tu-dresden.de by sending it as a single pdf file to sebastian.pannasch@tu-dresden.de. Please submit copies only,
as your application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.

Reference to data protection: Your data protection rights, the purpose for which your data will be processed, and further information about data protection are available to you on the website: https://tu-dresden.de/karriere/datenschutzhinweis.