

The Chair for [Engineering Psychology and Applied Cognitive Research](#) at TU Dresden, Germany is searching for one new researcher (**Postdoc**) through the newly funded **Excellence Cluster "Tactile Internet with Human-in-the-Loop"** (CeTI) <https://www.ceti.one/>. The position is available for three years initially but can be extended.

**CeTI-position\_Pannasch\_1: Research associate / Postdoc for human-cyber-physical systems (CPS) interaction**

**Topic: Fundamental mechanisms governing interaction between humans and CPS**

**Tasks:** This position will integrate knowledge about human perception and attention with innovative sensor/ actuator and electronic technologies to develop new integrative multimodal interface solutions for augmented interactions between humans and cyber-physical systems (CPS). In a series of 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, auditive and haptic information.

**Requirements:** The candidate has a university degree in psychology, with initial experience in collecting and analysis of psychophysical data, especially experience in eye tracking and motion capture. Very good command of the English language; be flexible, proactive, independent, and a team-player.

The excellence cluster CeTI and TU Dresden provide an outstanding scientific infrastructure and ideal environment for interdisciplinary collaboration. For empirical work, the group has access to various lab facilities, such as eye tracking, EEG and neuroimaging. For questions about this position please contact Prof. Sebastian Pannasch ([sebastian.pannasch@tu-dresden.de](mailto:sebastian.pannasch@tu-dresden.de)).

**How To Apply:** Please submit your comprehensive application including the usual documentation by **February 15th, 2019** (stamped arrival date of the university central mail service applies) with the reference „**CeTI-position\_Pannasch\_1**“ (as given above) in the subject header preferably via the TU Dresden SecureMail Portal <https://securemail.tu-dresden.de> or S/MIME encrypted by sending it as a pdf document to [positions@ceti.tu-dresden.de](mailto:positions@ceti.tu-dresden.de) or by mail to: **TU Dresden, Sprecher des Exzellenzclusters CeTI, Herrn Prof. Frank H. P. Fitzek, Helmholtzstr. 10, 01069 Dresden, Germany**. Please submit copies only as your application documents will not be returned. Expenses incurred in attending interviews cannot be reimbursed. We look forward to your applications!



The CeTI Team