

For the **Centre for Tactile Internet with Human-in-the-Loop (CeTI)** the **Faculty of Psychology** invites applications for a

### **Junior Research Group Leader for Human Perception and Action**

(Subject to personal qualification employees are remunerated according to salary group E 14 TV-L)

starting in **April 2020** with a fixed term until 31.12.2025 (an earlier starting date in 2020 could also be negotiated). The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz - WissZeitVG).

Research at CeTI aims at achieving significant breakthroughs for enhancing collaborations between humans and machines in real, virtual and remote environments.

**Tasks:** The successful applicant is expected to independently perform the following:

- develop and conduct empirical research on human multisensory perception and action with an emphasis on human-machine interactions;
- establish a research group, supervise PhD fellows and Master students;
- organize the shared usages of lab equipments in CeTI's Human-in-the-Loop Lab;
- publish research articles in high-ranking research journals;
- actively collaborate with other researchers in CeTI
- participate in grant applications and develop new research programs.

**Requirements:** Of particular interest for us are excellent postdocs with university and doctoral degree from the fields of psychology, cognitive science, or cognitive neuroscience whose research aims at understanding the dynamics of human goal-directed multisensory perception and action in the context of human-machine interactions. Candidates with expertise in combining motion capture with virtual or augmented reality systems as well as computational modelling are particularly encouraged to apply. The primary criteria for appointment will be a strong record of innovative research and academic performance, an original and promising vision for future work program in the centre, as well as high potential for establishing an independent research group with fruitful interdisciplinary collaborations.

The position offers an excellent environment within the DFG-funded excellence cluster, including opportunities for interdisciplinary collaborations between psychologists, cognitive neuroscientists, medical researchers and engineers as well as access to state-of-the-art technologies. For additional information on the research program at the center (see:

<https://www.ceti.one/>). CeTI collaborates closely with the Faculty of Psychology (<https://tu-dresden.de/mn/psychologie>), the Faculty of Electrical and Computer Engineering (<https://tu-dresden.de/ing/elektrotechnik/>), and the Faculty of Computer Science (<https://tu-dresden.de/ing/informatik/>).



Applications from women are particularly welcome. The same applies to people with disabilities. Interested candidates should send their applications including a CV, a publication list, and a summary of research achievements and interests (max. 2 pages), project ideas (1 page), and the email addresses of three referees via the TU Dresden SecureMail Portal <https://securemail.tu-dresden.de> by sending it as a single pdf document to **Prof. Shu-Chen Li (Shu-Chen.Li@tu-dresden.de)** with the **Subject header: CeTI-JRGL Human Perception and Action** or by post to **TU Dresden, CeTI, Geschäftsführer Herr Hrjehor Mark, Helmholtzstr. 10, 01069 Dresden**. Deadline of application is **October 30, 2019** (stamped arrival date of the university central mail service applies). Please submit copies only, as your application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.

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