Technische Universität Dresden - Faculty of Electrical and Computer Engineering, Institute of Acoustics and Speech Communication, Chair of Acoustics and Haptics,

The TU Dresden is one of eleven German universities that were identified as an “excellence university”. TUD has about 36,500 students and almost 5319 employees, 507 professors among them, and, thus, is the largest university in Saxony, today. Having been committed to sciences and the engineering before the reunification of Germany, TU Dresden now is a multi-discipline university, also offering humanities and social sciences as well as medicine.

Research Associate (m/f/x)
At the Institute of Acoustics and Speech Communication, the Chair of Acoustics and Haptics, the 6G-life Research-Hub „Digital transformation and sovereignty of future communication networks“ offers a project position as Research Associate (m/f/x) (subject to personal qualification employees are remunerated according to salary group E 13 TV-L) starting as soon as possible. The positions are initially limited until August 14, 2025. The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz – WissZeitVG). The positions offer the chance to obtain further academic qualification (e.g. PhD).

City: Dresden; Starting Date: At the earliest possible; Duration: limited until August 14, 2025; Renumeration: subject to personal qualification employees are remunerated according to salary group E 13 TV-L; Closing date: 10/10/22

Working field
The research activity aims to innovate and fabricate novel wearable devices for haptics, involving tactile sensing and feedback. Main responsibilities: design and fabricate wearable electronics for multi-channel sensing and wireless data streaming, collect and analyze data measured with the device, demonstrate applications in VR scenes, publish the results in suitable journal articles and conference proceedings.

Requirements
university degree (Diploma/Master) in electrical engineering, computer engineering or other related fields; experiences in electronic prototyping, PCB design, embedded system; strong hand-on and problem-solving skills; high motivation and autonomous and scientific working style; open-mindedness for interdisciplinary collaboration; very good English skills, experiences in wearable design and data analysis are desired, knowledge of a game engine is a plus.

What We Offer
More details about the 6G-life Research-Hub are given under www.6g-life.de.
**Application**

Applications from women are particularly welcome. The same applies to people with disa-
bilities.

Please submit your application documents until October 10, 2022 (stamped arrival date of the university central mail service applies), preferably via the TU Dresden SecureMail Portal https://securemail.tu-dresden.de by sending it as a single pdf document to **yitian.shao@tu-dresden.de** or to: TU Dresden, Fakultät Elektrotechnik und Informationstechnik, Institut für Akustik und Sprachkommunikation, Professur für Akustik und Haptik, Prof. Dr.-Ing. Yitian Shao, Helmholtzstr. 10, 01069 Dresden, Germany. 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, as well as further information about data protection is available to you on the website: https://tu-dresden.de/karriere/datenschutzhinweis.

More information at [https://stellenticket.de/150461/DDC/](https://stellenticket.de/150461/DDC/)

Offer visible until 02/10/22