

**Faculty of Computer Science**

At the **Institute of Software and Multimedia Technology, Chair of Chair of Multimedia Technology**, the **6G-life Research-Hub „Digital transformation and sovereignty of future communication networks“** offers, subject to the availability of resources, one position as

**Research Associate**

(subject to personal qualification employees are remunerated according to salary group E 13 TV-L)

starting **as soon as possible**. The position is initially limited for three years with the option of extension subject to the availability of resources. The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz – WissZeitVG). The position offers the chance to obtain further academic qualification (e.g. PhD / habilitation thesis).

**Task:** Research within the interdisciplinary project 6G-life will be in the area of human-computer interaction and/or interactive visualization. Within the project, the Interactive Media Lab Dresden pursues the development of interaction and collaboration concepts for digital twins in mixed telepresence realities. Our research goal is the effective, natural collaboration of several people at different locations, when objects and communication partners coexist partly real, partly virtual. Interactive wearables (e.g., based on smart textiles) and mixed reality (MR) display concepts will be developed to convincingly interact in mixed telepresence. In addition to novel approaches for smart, interactive clothing, visual MR display forms will be investigated and hybrid collaboration strategies explored in application domains like telemedicine.

**Requirements:** above average (very good) university degree and, if applicable, PhD in Computer Science, Media Informatics or comparable fields of study; ability to work independently and goal-oriented in a team; high level of commitment; confident command of the English language for the preparation of high-quality publications and participation in international conferences as well as interest in practice-oriented, interdisciplinary collaboration with cooperation partners. Experience with physical computing, smart textiles, mixed reality technologies, interaction design as well as implementation skills are desired.

More details about the 6G-life Research-Hub are given under [www.6g-life.de](http://www.6g-life.de)

Applications from women are particularly welcome. The same applies to people with disabilities.

Please send your application documents until **September 10,**

**2021** (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 [recruitment.6glife@tu-dresden.de](mailto:recruitment.6glife@tu-dresden.de) with the reference „6G\_Dachselt“ in the subject

header or to: **TU Dresden, Fakultät Informatik, Institut für Software- und**

**Multimediatechnik, Professur für Multimedia-Technologie, Prof. Dr.-Ing. Raimund**

**Dachselt, Helmholtzstr. 10, 01069 Dresden.** Please submit copies only, as your application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.

