



Technische Universität Berlin



Research Assistant - salary grade E13 TV-L Berliner Hochschulen

part-time employment may be possible

Faculty IV - Electrical Engineering and Computer Science, Institute of High-Frequency and Semiconductor System Technologies - Forschungsschwerpunkt Technologien der Mikroperipherik

Reference number: IV-411/25 (starting at 01/12/25 / until 31/03/28 / closing date for applications 10/10/25)

Your responsibility:

Within third-party-funded research projects, novel assembly techniques and microsystem solutions for processing organic and glass substrates are to be developed.

The tasks of the TU Berlin focus in particular on the development of coating processes of organic and glass substrates with polymers and metals for the production of circuit carriers and the implementation of the necessary assembly and connection technology, as well as analysis and evaluation of the developed process technology.

Your profile:

- Successfully completed university degree (Master, Diplom or equivalent) in electrical engineering / physics / chemistry / materials science or similar.
- Knowledge and experience in at least two of the following areas
 - a) Methods and materials for micro systems technology
 - b) Methods for wet-chemical fabrication of micro structures
 - c) Photolithographic processes for printed circuit boards
 - d) Knowledge and experience in electronics packaging and interconnect technologies
- Good German and/or English skills required; willingness to acquire any missing language skills
- Knowledge in methods, processes and materials for the production of printed circuit boards desirable
- Structured and independent way of working desirable
- Willingness to take responsibility for subtasks desirable
- Ability to work in a team, willingness to document desirable

How to apply:

Please send your application with the **reference number** and the usual documents (one file max. 5 MB) only via email to **personal@tmp.tu-berlin.de**.

By submitting your application via email you consent to having your data electronically processed and saved. Please note that we do not provide a guaranty for the protection of your personal data when submitted as unprotected file. Please find our data protection notice acc. DSGVO (General Data Protection Regulation) at the TU staff department homepage: https://www.abt2-t.tu-berlin.de/menue/themen_a_z/datenschutzerklaerung/.

To ensure equal opportunities between women and men, applications by women with the required qualifications are explicitly desired. Qualified individuals with disabilities will be favored. The TU Berlin values the diversity of its members and is committed to the goals of equal opportunities. Applications from people of all nationalities and with a migration background are very welcome.

The vacancy is also available on the internet at:
<https://www.jobs.tu-berlin.de>

