



**Technische Universität Berlin**



Technische Universität Berlin offers an open position:

## **Research Assistant - 0.75 working time - salary grade E13 TV-L Berliner Hochschulen- 1st qualification phase (for doctorate)**

**Faculty II - Institute of Optics and Atomic Physics / Ultrafast Nanoscience**

**Reference number:** II-80/25 (starting at the earliest possible / limited for 5 years / closing date for applications 21/03/25)

### **Working field:**

- Collaboration in research and teaching
- Basic research in the field of ultrafast dynamics in condensed matter in particular of low-dimensional semiconductors and semi\_conductor heterostructures, organic semiconductors, or magnetic materials
- The experimental methods of the working group include in particular time-and angle-resolved photoemission spectroscopy and time-resolved electron diffraction
- Supervision of laboratory and teaching courses

The laboratories of the research group are currently located at the Fritz Haber Institute of the Max Planck Society (<https://pc.fhi-berlin.mpg.de/sesd/>). For further information please contact Prof. Dr. Ralph Ernstorfer ([ernstorfer@tu-berlin.de](mailto:ernstorfer@tu-berlin.de)).

### **Requirements:**

- Successfully completed scientific university degree (master's, diploma or equivalent) in physics or a related field, very good university degree
- Enthusiasm about experimental solid-state physics and ultrafast phenomena is a prerequisite
- The ability to teach in German and/or in English is required; willingness to acquire the respective missing language skills

### **Desirable:**

- Enthusiasm about experimental solid-state physics and ultrafast phenomena is a prerequisite
- Previous experience in the field of experimental solid-state physics and ultrafast phenomena
- Willingness to work as part of a team of experienced experimental mental physicists
- Prior knowledge of programming is an advantage (e.g. Python, Matlab, etc)

Please send your application with the **reference number** and the appropriate documents (combined in a single pdf file, max 5 MB) **by email to Prof. Dr. Ralph Ernstorfer ([er1-1@physik.tu-berlin.de](mailto:er1-1@physik.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 guarantee 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/](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.

Technische Universität Berlin - Die Präsidentin - Fakultät II, Institut für Optik und Atomare Physik, FG Nanowissenschaften auf ultrakurzen Zeitskalen, Prof. Dr. Ernstorfer, Sekr. ER 1-1, Hardenbergstraße 36,

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

