



**Technische Universität Berlin**



Technische Universität Berlin offers an open position:

## **Research Associate (Post Doc) - salary grade E13 TV-L Berliner Hochschulen - 2nd qualification phase (for habilitation)**

Part-time employment may be possible

**Faculty II - Institute of Optics and Atomic Physics / Department of Laser and Molecular Spectroscopy and Environmental Physics**

**Reference number:** II-99/25 (starting at the earliest possible / limited for 5 years / closing date for applications 18/04/25)

### **Working field:**

- Teaching in the field of experimental physics
- Research in the field of state-of-the-art spectroscopy (laser spectroscopy in IR and optical range, photoelectron spectroscopy) and mass spectrometry to characterize the geometric and electronic structure and chemical reactivity of molecules, clusters and nanoparticles in the gas phase, with relevance to materials science, biophysics, catalysis, atmospheric and astrochemistry, plasmas, and chemical reaction mechanisms
- Supervision of students
- Development and acquirement of funding for research projects

### **Requirements:**

- Successfully completed scientific university degree (Master, Diploma, or equivalent degree) and PhD degree in physics, chemistry or related subjects, with proof of qualification available at the time of hiring; very good degrees are desired
- Extensive experience in several of the following areas: molecular spectroscopy, mass spectrometry, laser, optics, electronics, vacuum technology, cryo-technology, construction of experimental setups, quantum chemistry
- The ability to teach in German and/or in English is required; willingness to acquire the respective missing language skills
- Teaching experience in the area of experimental physics or related subjects

### **Desirable:**

- A high degree of determination, commitment, and the ability to work independently in a scientific environment and develop research projects
- Experimental skills in dealing with complex laboratory setups.
- Ability to work in a team and social commitment
- Initial experience in planning and conducting scientific projects as well as supervising students

Please send your application with the **reference number** and the appropriate documents (CV, university degrees, certificates, publications etc., combined in a single pdf file, max 10 MB) **exclusively by email to Prof. Dr. Otto Dopfer (dopfer@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, Prof. Dr. Dopfer, Sekr. EW 3-1, Hardenbergstraße 36, 10623 Berlin

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

