



**Technische Universität Berlin**



Technische Universität Berlin offers an open position:

## **Research Assistant - 0.67 working time - salary grade E13 TV-L Berliner Hochschulen**

**Faculty II - Institute of Chemistry / Field of Theoretical Chemistry - Quantum Chemistry**

**Reference number:** II-548/23 (starting at the earliest possible / limited until 31.12.2026 / closing date for applications 20/10/23)

**Working field:** Participation in research within SFB 1349 "Fluoro-specific interactions. Basics and Applications". Application of advanced quantum-chemical methods to questions of the SFB, in cooperation with experimental groups. Systematic state-of-the-art bonding analyses of fluoro-specific interactions, mechanistic evaluations and quantum-chemical contributions to the spectroscopic and structural characterization of new intermediates and products, in particular of NMR parameters using advanced quantum-chemical methods.

### **Requirements:**

- Successfully completed university degree (Master, Diplom or equivalent) in chemistry or a related field
- Very good knowledge and experience in quantum chemistry
- Prior knowledge in density functional theory, in advanced bonding analyses and/or in the quantum-chemical modeling of chemical processes, e.g. in solution
- The ability to work independently in an interdisciplinary team, excellent communication skills, and a high motivation to bring own ideas to the project are expected
- Good German and English communication skills are desirable

Please send your application with **the reference number** and the usual documents (all combined in a single pdf file, max 5 MB) by email to **Prof. Dr. Martin Kaupp (sekretariat.c7@chemie.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/](https://www.abt2-t.tu-berlin.de/menue/themen_a_z/datenschutzerklaerung/) or quick access 214041

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.

Technische Universität Berlin - Die Präsidentin - Fakultät II, Institut für Chemie, FG Theoretische Chemie - Quantenchemie, Prof. Dr. Kaupp, Sekr. C 7, Straße des 17. Juni 135, 10623 Berlin

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

