



Technische Universität Berlin offers an open position:

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

under the reserve that funds are granted

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

Reference number: II-726/18 (starting at the earliest possible / until 31 december 2022 / closing date for applications 04/01/19)

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, quantum-chemical contributions to the spectroscopic and structural characterization of new intermediates and products, computation of thermochemical and kinetic data in solution. PhD thesis preparation is possible.

Requirements:

- successfully completed university degree (Master, Diplom or equivalent) in chemistry or a related field
- very good knowledge 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 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 **written** application with the **reference number** and the usual documents to Technische Universität Berlin - Der Präsident - **Fakultät II, Institut für Chemie, Theoretische Chemie - Quantenchemie, Prof. Dr. Kaupp, Sekr. C7, Straße des 17. Juni 135, 10623 Berlin** or by e-mail to martin.kaupp@tu-berlin.de.

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.

Please send copies only. Original documents will not be returned.

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

