



Technische Universität Berlin offers an open position:

Research Assistant (PostDoc) - salary grade E13 or E14 TV-L Berliner Hochschulen

under the reserve that funds are granted - part-time employment may be possible

The classification of the position acc. to salary group E14 is envisaged under the condition that the duties include procuring external project funding and project leadership with personnel management.

Faculty II - Institute of Chemistry / Stranski Laboratory for Physical and Theoretical Chemistry

Reference number: II-458/22 (starting at the earliest possible / until 30/09/25 / ~~closing date for applications 26/08/22~~)

Working field: Expert work in the BMBF project MOSAEK "Modular Sample Environment for Observing Changing Non-Equilibrium Soft Matter Samples and Doing High-Precision SANS Measurements"

Building-up a modular sample environment for investigating chemically reacting colloidal or polymeric systems by means of small-angle neutron scattering (SANS). Within this work the individual components have to be developed and the whole reactor system has to be optimised for different types of reactions. Corresponding model reactions from different fields of colloid and polymer science will be done with this reactor system and the obtained scattering data will become analysed. The aim is a deepened understanding of the structural progression during the formation of more complex colloidal systems. The work will be conducted at the Institute Max von Laue – Paul Langevin (ILL), a world-wide leading international research institute in Grenoble, France, and correspondingly the workplace will be there.

Requirements:

- Successfully completed university degree (Master, Diplom or equivalent) successfully completed a PhD in Chemistry or Physics (or a related subject).
- Comprehensive knowledge in the fields of colloid and polymer chemistry are required, as well as in the application of scattering methods for the characterisation of such systems. This also includes competences in the fields of physical and analytical chemistry, the physics of materials and especially a thorough knowledge in characterising nanostructured systems in general.
- Very good knowledge of English required; good German and/or French language skills are an advantage.

Please send your application with the **reference number** and the usual documents (in a single pdf file, max. 5 MB) **by email to Prof. Dr. Gradzielski (tc7.tc9@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 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/ 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, Stranski-Laboratorium für Physikalische und Theoretische Chemie, Prof. Dr. Gradzielski, Sekr. TC 7, Straße des 17. Juni 124, 10623 Berlin**

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

