



Technische Universität Berlin



Technische Universität Berlin offers an open position:

Research associate (PostDoc) - salary grade E 13 TV-L Berliner Hochschulen - for qualification

Part-time employment may be possible

Faculty II - Institute for Chemistry / Chair of Physical Chemistry - Molecular Material Sciences

Reference number: II-536/24 (starting at 01/03/25 / limited for 36 months / closing date for applications 27/12/24)

Working field:

As part of a cooperation with the Institute Laue-Langevin (ILL), a world-leading international research Institute in Grenoble, France, the Gradzielski group (TU Berlin) is offering a 3-year postdoc position.

The primary field of activity is independent, excellent research and teaching on colloidal systems in the area of soft matter, using the highest-quality facilities of neutron research (e.g. SANS) at ILL as well as the well-equipped PCSM laboratory in Grenoble. In this context, independent research activity, generally in the field of colloidal systems (soft-matter) is desired, with a particular focus e.g. on the effect of electric fields or pressure on colloidal systems, with the aim of achieving a thorough understanding of thermodynamics, kinetics and structure of such systems. An active role in user support and instrument development, especially in small-angle neutron scattering (SANS), is desired.

After a 2-3-month orientation period at TU Berlin, the regular workplace is located at EPN campus in Grenoble, France, a highly regarded international research campus where several institutes (ILL, ESRF, EMBL, ISS) are dedicated to investigating soft matter and biological systems.

Requirements:

- Successfully completed university degree (Master, Diploma or equivalent) and successfully completed 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 characterizing nanostructured systems in general
- Very good knowledge of English required

Desirable:

- Good German and/or French language skills are an advantage

Please send your application **with the reference number** and substantial documents (in a single pdf file, max. 5 MB), including a 1-2-page research concept, **by email to Prof. Dr. Gradzielski (tc7@molmat.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/.

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 Chemie, FG Physikalische Chemie - Molekulare Materialwissenschaften, 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/>

