



Technische Universität Berlin



Research Assistant - 0.67 working time - salary grade E 13 TV-L Berliner Hochschulen

Faculty II - Mathematics and Natural Sciences, Institute for Chemistry / Chair of Physical Chemistry - Molecular Material Sciences

Reference number: II-507/25 (starting at 01/02/26 / limited for 36 months / closing date for applications 12/12/25)

Your responsibility:

Project work in the DFG-funded project "Complexes of oppositely charged microemulsions and polyelectrolytes (PEMECs)".

First steps are synthesising the required double-hydrophilic polyelectrolytes and characterising the required microemulsions. By mixing them one obtains the PEMECs, which will be studied with respect to phase behaviour and existing structures. For this, mainly scattering methods, optical microscopy and electric birefringence will be applied as characterisation methods.

Your profile:

- Successfully completed university degree (Master, Diploma or equivalent) in chemistry, physics or related subjects
- Good command of German and/or English required; willingness to learn either English or German is expected
- Knowledge in the field of formulating colloidal and polymeric systems is an advantage
- Expertise in the field of polymer synthesis and in the investigation of colloidal systems by means of light, x-ray or neutron scattering, via optical microscopy or other suited methods is desirable

How to apply:

Please send your application **with the reference number** and substantial documents (in a single pdf file, max. 5 MB) **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.

The vacancy is also available on the internet at:

<https://www.jobs.tu-berlin.de>

