

External Job Advertisement Reg. Nr. 5-9622/25-D

The Faculty of Natural Sciences II, Institute of Chemistry, at Martin Luther University Halle-Wittenberg is seeking a part-time (65%)

Research Associate (m-f-d)

for a fixed term of 3 years, starting from 1.11.2025.

Remuneration will be determined based on job duties and responsibilities and will be aligned with the fulfillment of listed personal requirements, up to pay grade 13 under the *TV-L (Tarifvertrag für den Öffentlichen Dienst der Länder* – 'German Public Service Pay Agreement for the Federal States').

Over the next few years, up to 25 doctoral students will be able to conduct research on various aspects of the structure and dynamics of soft matter using intermolecular interactions in the second funding phase of the DFG-funded RTG 2670. The RTG is aimed in particular at doctoral students from the fields of chemistry, physics, biochemistry, mathematics, and related disciplines.

This position is part of project A3exp. scientifically headed by Prof. Carsten Tschierske.

Job Responsibilities:

- Research activities: Preparative synthetic work; analytical and physicochemical characterization (NMR, DSC, polarization microscopy, X-ray diffraction, and other methods)
- Successful participation in the GRK2670 qualification program
- Preparation of publications, presentations

This position offers the opportunity to complete a doctoral degree.

Requirements:

- Completed scientific university degree (diploma, Master of Science) in chemistry or a comparable subject-
Good knowledge of physics or physical chemistry of polymers and organic materials
- Very good knowledge and experience in the field of organic and organometallic synthesis
- Experience in the field of synthesis and characterization of liquid crystalline organic materials, in particular amphiphilic or polyphilic molecules
- Very good written and spoken German and English
- Ability to take the initiative in synthesizing and studying the structure formation in quasicrystalline liquid crystals.
- Ability to work with the counterpart of the project (theoretical chemistry/mathematical modeling) in an interdisciplinary team.
- Good communication skills

We offer:

- a secure job with attractive working conditions (home office, flexible working hours, and variable part-time models)
- a cosmopolitan, diverse, and international working environment that is also certified as family-friendly (including vacation care)

Applications from disabled persons, including those of equal status (as certified by the *Bundesagentur für Arbeit* / Federal Employment Agency), will be given preferential consideration if they are equally suitable and qualified. Women are strongly encouraged to apply. Applications from individuals of all nationalities are explicitly welcome. Applicants with a degree that was not obtained at a German university must submit a Statement of Comparability for Foreign Higher Education Qualifications from the Central Office for Foreign Education (ZAB) (<https://www.kmk.org/zab/central-office-for-foreign-education>) as proof of equivalence upon conclusion of the employment contract. You can find ways to apply for a financial grant for this under: <https://www.anerkennung-in-deutschland.de/html/de/pro/anererkennungszuschuss.php#>.

If you have any scientific questions, please contact Prof. Carsten Tschierske, carsten.tschierske@chemie.uni-halle.de, if you have any further questions, please contact Dr. Imme Sakwa-Waltz at imme.sakwa-waltz@chemie.uni-halle.de and beam@chemie.uni-halle.de.

Please send your application until 02.10.2025, including Reg. No.: 5-9622/25-D, with the required documents to Martin Luther University Halle-Wittenberg, Prof. Carsten Tschierske, carsten.tschierske@chemie.uni-halle.de

This job posting is subject to potential budgetary restrictions.

Application costs will not be reimbursed by Martin Luther University. Application documents will only be returned if a sufficiently stamped envelope is enclosed. Electronic applications are welcome.