External Job Advertisement Reg. Nr. 5-9762/26-D

At Martin Luther University Halle-Wittenberg, Faculty of Natural Sciences II, Institute of Chemistry, the Research Training Group (GRK) 2670 "Amphiphily Plus: Self-Organization of Soft Matter through Multiple Non-Covalent Interactions," a fixed-term position is available starting January 1, 2027, through December 31, 2029, for a

Research Associate (m/f/d)

on a part-time basis (65%).

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').

In the GRK 2670, which has once again received funding from the DFG, up to 25 doctoral candidates per year will be able to conduct research in the coming years on various aspects of the structure and dynamics of soft matter through intermolecular interactions. The GRK is aimed in particular at doctoral students in chemistry, physics, biochemistry, mathematics, and related fields. This position is part of Project N4, which is led by Project Director Prof. Dr. Matthias Karg.

Work tasks:

- Research activities: Synthesis and characterization of catechol-containing copolymer microgels; investigation of structure-property relationships
- Structural analysis using small-angle neutron scattering, microscopy, and dynamic and static light scattering
- Responsibility for equipment used in angle-dependent light scattering and atomic force microscop
- Successful participation in the GRK2670 training program
- Preparation of publications, presentations, and a dissertation including the presentation of research findings at national and international conferences

There is an opportunity to pursue one's own academic qualifications.

Requirements:

- A completed academic degree in chemistry (Master's/Diploma) or a comparable field
- Expertise in polymer synthesis and characterization
- Expertise in physicochemical methods (dynamic light scattering, extinction spectroscopy)
- Knowledge of small-angle scattering (neutron, X-ray) is desirable
- Knowledge of the analysis of scattering profiles, particularly shape and structure factor analysis, is desirable
- Knowledge In the study of nanoscale systems, the following are desirable
- Expertise in the quantitative evaluation of physicochemical measurement data using data analysis software
- Excellent command of English; experience in preparing scientific presentations in English.
- Ability to work as part of a team, resilience and organisational skills

Applications from people with severe disabilities and those deemed equivalent will be given preferential consideration if they have the same qualifications and abilities. Women are strongly encouraged to apply. Applications from people of all nationalities are expressly encouraged. Applicants with a degree that was not earned at a

German university must, upon conclusion of the employment contract, provide proof of equivalence, upon signing the employment contract, a certificate of equivalence for foreign higher education qualifications (Statement of Comparability for Foreign Higher Education Qualifications) from the Central Office for Foreign Education (https://www.kmk.org/zab/central-office-for-foreign-education). For information on how to apply for a financial grant for this purpose, please visit: https://www.anerkennung-in-deutschland.de/html/de/pro/anerkennungszuschuss.php#.

For any question you may have, please contact Prof. Dr. Matthias Karg, phone: +49-345 55-25800, e-mail: matthias.karg@chemie.uni-halle.de.

Please submit your application, citing reference number 5-9762/26-D and including the usual supporting documents, by October 15, 2026, exclusively via email to matthias.karg@chemie.uni-halle.de.

This job posting is subject to any budgetary restrictions that may apply.

Martin Luther University does not reimburse application fees. Application materials will be returned only if a self-addressed, stamped envelope is included. Electronic applications via e-mail are preferred.