

External Job Announcement Reg.-Nr. 5-7917/25-H

Martin Luther University Halle-Wittenberg is a modern university with a long-standing tradition in academic excellence and the largest university in Saxony-Anhalt with approximately 20,000 students, more than 3,000 employees, and a history in education spanning 500 years. We see ourselves as a family-friendly university and actively support the compatibility of work and family life. The university has been certified as a family-friendly university since 2009.

The Faculty of Natural Sciences II represents the fields of chemistry, physics and mathematics in research and teaching. Research focuses on synthetic and biological macromolecules, solid-state interfaces and nanostructures as well as energy conversion and storage materials. Thus, contributing to the profile lines of Sustainability and Transformation at the university. We research and teach cooperatively at the Institutes of Physics and Chemistry in around 30 working groups with focus on physics and chemistry of a variety of materials. IN addition, our degree courses are interdisciplinary in their specializations.

Martin Luther University Halle-Wittenberg, Faculty of Natural Sciences II offers a fixed-term position until 31.12.2030 in the project FEM POWER II, funded by the state of Saxony-Anhalt, starting as soon as possible of a

Junior Research Group Leader with scientific tasks

in full-time. Depending on fulfillment of the personal requirements, remuneration will be paid up to salary group 14 TV-L.

The preferred research focus of this new junior research group comprises polymeric and self-organized materials, which are to be investigated with modern experimental methods with regard to their structure and dynamics. As a junior research group leader, you will pursue a larger research project with your own budget. You can fill the position of a doctoral researcher as soon as the junior research group is established. Additional positions might be obtained through further third-party funding. Teaching experience, e.g., necessary for application as professor, can be acquired.

Work tasks

- Establishment and management of a junior research group
- Experimental research in physical properties of soft condensed matter
- Responsibility and guidance of the staff of the junior research group, e.g., doctoral researchers, including the organization of staff, workplace and research
- Presentation and publication of results, e.g., in scientific journals or at conferences
- Teaching activities, e.g., supervision of students in lab courses or individual lectures
- Acquisition of third-party funding

The possibility of obtaining your own scientific qualification for a professorship (e.g., habilitation) is given.

Requirements

- Completed scientific university degree (Diploma or Master's degree) and doctorate in experimental physics, chemistry or a related subject or an equivalent university degree
- Solid experience and knowledge in the physics and chemistry of soft materials, especially polymers
- Experience in investigating physical properties of soft condensed matter using modern experimental methods, documented by publications as first or corresponding author

- Post-doctoral research experience in a new field
- Interest in interdisciplinary cooperation and collaboration
- Interest in additional acquisition of third-party funding and corresponding experience in writing applications for third-party funding
- active interest in involvement in current and future collaborative research projects on soft matter and cooperation with experimental groups at the faculty
- Very good didactic skills combined with excellent communication and presentation skills
- Ability to work independently
- Strong leadership and teamwork skills, organizational skills
- Business fluent in German and English

We offer

- Interesting scientific work with scope for creativity
- Opportunity to gain your own academic qualifications for a professorship (e.g. habilitation) is given
- Interdisciplinary expertise and shared use of experimental equipment at the Faculty of Natural Sciences II
- A family-friendly, intercultural and diversity-friendly working environment
- Individual, comprehensive personnel development in all phases your career with a variety of training and qualification opportunities (including individual offers from the FEM POWER program, offers from the Leadership and Career Network, or UNIBUND mentoring program)
- Health-promoting and -maintaining measures as part of our health management or university sports

Applications from disabled persons with equal aptitude and qualifications will be given preferential consideration. Due to the requirements of the third-party funding body, this call for applications is only aimed at women. 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 (<https://www.kmk.org/zab/central-office-for-foreign-education>) as proof of equal value.

For any questions you may have, please contact Dr. Imme Sakwa-Waltz, phone: 0345 55-25239, e-mail: imme.sakwa-waltz@chemie.uni-halle.de. Prof. Dr. Kay Saalwächter is the MLU's family representative and is available to answer any questions regarding the compatibility of work and family life (phone: 0345-5528560, e-mail: kay.saalwaechter@physik.uni-halle.de).

Please send your application with curriculum vitae, list of publications, a description of your academic career, a research concept (3-5 pages), your list of publications and, if applicable, evidence of previous third-party funding and teaching activities to Rositta Mothes, Martin Luther University Halle-Wittenberg, Institute of Physics, 06099 Halle, Germany, rositta.moths@physik.uni-halle.de until the 06/10/2025. Please include a reference to Reg.-Nr. 5-7917/25-H.

This call for applications is subject to any budgetary restrictions.

Application costs will not be reimbursed by Martin Luther University Halle-Wittenberg. Application documents will only be returned if a sufficiently stamped envelope is enclosed. An electronic application is welcome.