

External Job Advertisement Reg. Nr. 5-7754/25-D

- Verlängerung der Bewerbungsfrist -

The Faculty of Natural Sciences II -Chemistry, Physics and Mathematics, Institute of Physics, at Martin Luther University Halle-Wittenberg is seeking a part-time (75 %)

Research Assistant/ PhD student (m-f-d)

for a fixed term of 3 years, starting from 01.10.2025.

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 __ under the *TV-L (Tarifvertrag für den Öffentlichen Dienst der Länder* – 'German Public Service Pay Agreement for the Federal States') or *TV-Ärzte* ('Public Service Pay Agreement for Physicians at University Hospitals').

Job Responsibilities:

- Scientific work / research activity according to the instructions of the group leader
- Investigation of trivial and topological phenomena occurring at the interfaces of magnetic nanostructures on superconducting surfaces
- Investigation of transport phenomena on the nanoscale
- Development of an ab-initio methodology for the inclusion of magnetodynamic phenomena
- Publication and presentation of research results
- Teaching duties at the Institute of Physics amounting to 2 hours per week (according to LVVO regulations)

You have the opportunity to gain your own academic qualification as part of a doctorate.

Requirements:

- Completed university degree (Master's/ Diplom) in Physics or equivalent
- In-depth knowledge of electronic structure theory and solid-state physics
- Interest in developing analytical models and programming
- Experience with computational methods
- Very good written and spoken Deutsch and English skills
- Teamwork skills and organisations skills

select options

- 30 days of annual vacation plus additional days off on December 24 and 31
- a family-friendly, diversity-oriented, and intercultural work environment at a certified family-oriented university, including holiday childcare
- the opportunity to participate in diverse social communities (e.g. university sports teams, university choir or university orchestra)
- exciting events such as the *Lange Nacht der Wissenschaften* (Long Night of the Sciences), University Information Day, and the University Winter Ball
- reduced-price meals in the cafeterias of the *St#udentenwerk* (Student Services) Halle

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 questions, please contact Mr. Samir Lounis, Tel.: 0345 5525453, Email: samir.lounis@physik.uni-halle.de

Please send your application, including Reg. No.: 5-7754/25-D, with the required documents to Martin Luther University Halle-Wittenberg, samir.lounis@physik.uni-halle.de by 11.09.2025.

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.