

External Job Advertisement Reg.-Nr. 5-2513/26-D

*- Correction & extension of
the application deadline –*

Modern, interconnected, conscious of tradition: Martin Luther University Halle-Wittenberg (MLU) is the oldest and largest university in the State of Saxony-Anhalt with a history dating back more than 500 years. Today more than 20,000 students are enrolled at the university. MLU's core research areas are in the nanosciences and biosciences, the Enlightenment, as well as in social and cultural research. The university is also home to a range of small disciplines, some of which can be found nowhere else in Germany. The university has excellent national and international ties, and works closely together with leading research institutes, industry, and more than 250 universities around the world.

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

Research associate (doctoral student) (m-f-d)

for a fixed term for three years, starting at the earliest possible date.

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').

Job Responsibilities:

- Deposition and characterization of layers of chiral quantum materials e.g. chiral Weyl semimetals
- Development of nanoscale chirality analysis with optical methods
- Fabrication of heterostructures with structurally chiral layers
- Test of novel spin electronic functionalities in device structures that are based on the chiral materials
- Data analysis and publication of results
- Active participation in CCE activities and strengthening of collaboration

The opportunity to pursue your own academic qualifications is given.

Requirements:

- Completed scientific university degree in physics or a comparable qualification
- Sound knowledge of solid-state physics
- Proficiency in the programming language Python
- Excellent communication skills
- High level of self-motivation
- Good command of English, equivalent to level B2

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





Com-parability 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.erkennung-in-deutschland.de/html/de/pro/erkennungszuschuss.php#>.

For further information, please contact Prof. Dr. Georg Woltersdorf, phone: +49 345 55-25300, e-mail: georg.woltersdorf@physik.uni-halle.de.

Please send your application, quoting reference no. 5-2513B/26-D and including the usual documents, by 29.05.2026 to Martin Luther University Halle-Wittenberg, Institute of Physics, Prof. Dr. Georg Woltersdorf, 06099 Halle (Saale), Germany.

Preferably submit your application (in German or English) via the online portal: <https://www.chiralelectronics.de/career>, stating the reference number.

This job advertisement is subject to possible budgetary restrictions.

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

