

External Job Announcement Reg.-Nr. 5-9763/24-D

Creating knowledge since 1502: the Martin-Luther-University Halle-Wittenberg offers a wide range of academic subjects in the areas of humanities, social sciences, natural sciences and medicine. Formed in 1817 following the merger of the University of Wittenberg (1502) and the Friedrichs University Halle (1694), it is the oldest and largest university in Saxony-Anhalt. Today, it has 340 professors and 20,000 students and its research activities are focussed on the nano and life sciences, society and culture.

At the Martin-Luther-University Halle-Wittenberg, Faculty of Natural Sciences II, Institute of Physics, is seeking, at the earliest possible date, to fill the three-year fixed-term position of a

Research Assistant (post-doc)

in full time.

The salary will be up to Entgeltgruppe 13 TV-L, if the personal requirements and tasks are fulfilled.

Project tasks:

- Development of optical methods and technologies for ultrasound detection with application in biomedical imaging, such as photoacoustic tomography, and ultrasound metrology
- Scientific communication (journal publications, conference presentations)
- Supervision of final year bachelor and master projects
- Contribution to teaching in the medical physics or physics degree courses

Qualifications / requirements:

- Completed doctoral degree in physics, biophysics, medical physics, optical engineering, or a relevant engineering discipline
- Knowledge and experience in all or some of the following areas: optics, optoelectronics, programming, numerical modelling, instrumentation control (Labview), signal and image processing
- Very good spoken and written English
- High motivation, ability to work independently and within an interdisciplinary team, very good organisational and communication skills

Women are strongly encouraged to apply. Applicants with disabilities will be preferred if qualifications and suitability are comparable. 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.erkennung-in-deutschland.de/html/de/pro/anerkennungszuschuss.php#>.

Informal enquiries and visits prior to the interview are welcome. For more information, please contact Prof. Jan Laufer, Tel.: 0345 55 25400, E-Mail: jan.laufer@physik.uni-halle.de.

Please send your application (incl. *covering letter*, CV, and *two references*) by email to Jan Laufer (jan.laufer@physik.uni-halle.de), stating Reg.-Nr. 5-9763/24-D. The deadline for applications is 09.06.2025.

Please note that expenses associated with the application process (e.g. travel) will not be reimbursed. Application documents will only be returned if an envelope with pre-paid postage is provided. This job vacancy is conditional and subject to potential legal and financial restrictions.