TUD Dresden University of Technology, as a University of Excellence, is one of the leading and most dynamic research institutions in the country. Founded in 1828, today it is a globally oriented, regionally anchored top university as it focuses on the grand challenges of the 21st century. It develops innovative solutions for the world's most pressing issues. In research and academic programs, the university unites the natural and engineering sciences with the humanities, social sciences and medicine. This wide range of disciplines is a special feature, facilitating interdisciplinarity and transfer of science to society. As a modern employer, it offers attractive working conditions to all employees in teaching, research, technology and administration. The goal is to promote and develop their individual abilities while empowering everyone to reach their full potential. TUD embodies a university culture that is characterized by cosmopolitanism, mutual appreciation, thriving innovation and active participation. For TUD diversity is an essential feature and a quality criterion of an excellent university. Accordingly, we welcome all applicants who would like to commit themselves, their achievements and productivity to the success of the whole institution.

At the Faculty of Physics, the Institute for Solid States and Materials Physics offers a position as

Research Associate (m/f/x) (subject to personal qualification employees are remunerated according to salary group E 13 TV-L)

starting as soon as possible. The position is currently limited until December 31, 2026 with the option of extension the research project until December 31, 2028. The position entails 75% of the full-time weekly hours. The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz - WissZeitVG). The positions aim at obtaining further academic qualification.

Tasks: The position in the field of Experimental Condensed Matter Physics is devoted to the investigation of unconventional superconductors and quantum magnets by means of muon spin relaxation (µSR) and ultrasound spectroscopy under ambient as well as hydrostatic and uniaxial pressure to determine the order parameter symmetries of low temperature electronic phases. We expect a close collaboration with scientific partners at the IFW Dresden and international cooperation partners as well as project-related supervision of student theses (Bachelor, Master).

Requirements: very good university degree, preferentially in physics or chemistry; motivation for doing outstanding basic research both independently and in collaborations; proficiency in German or English; ideally experience with experiments on superconductors or magnetic materials.

We offer: dedicated mentoring in an active scientific environment with excellent infrastructure.

TUD strives to employ more women in academia and research. We therefore expressly encourage women to apply. The University is a certified family-friendly university and offers a Dual Career Service. We welcome applications from candidates with disabilities. If multiple candidates prove to be equally qualified, those with disabilities or with equivalent status pursuant to the German Social Code IX (SGB IX) will receive priority for employment.

Please submit your detailed application with the usual documents by August 30, 2024 (stamped arrival date of the university central mail service or the time stamp on the email server of TUD applies), preferably via the TUD SecureMail Portal https://securemail.tu-dresden.de by sending it as a single pdf file to henning.klauss@tu-dresden.de or to: TU Dresden, Fakultät Physik, Institut für Festkörper- und Materialphysik, Herrn Prof. Dr. Hans-Henning Klauss, Helmholtzstr. 10, 01069 Dresden, Germany. Please submit copies only, as your application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.

Reference to data protection: Your data protection rights, the purpose for which your data will be processed, as well as further information about data protection is available to you on the website: https://tu-dresden.de/karriere/datenschutzhinweis.