Technische Universität Dresden (TUD), 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, Institute for Solid State and Materials Physics, the Chair of Physics of Quantum Materials offers a position as

**Research Associate / Postdoc - Physics of Quantum Materials (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 limited for six years and aims at obtaining further academic qualification (e.g. habilitation thesis). The period of employment is governed by the Fixed Term Research Contracts Acts (Wissenschaftszeitvertragsgesetz - WissZeitVG).

**Tasks:** The new staff member will support the Chair of Physics of Quantum Materials in research and teaching. The expertise of the Chair is in state-of-the-art diffraction and spectroscopy experiments, which are used to explore the physics and chemistry of novel quantum materials. In addition to working at external large-scale facilities, the Chair also uses world-leading instruments in its own laboratories. Outstanding conditions for top-class research are thus provided. Own research activities and ideas as well as the acquisition of own third-party funding are strongly supported. Qualification in teaching is also promoted, with a teaching obligation according to DAVOS.

**Requirements:** Completed university and PhD degree in experimental solid-state physics or chemistry. Experience with X-ray scattering and crystallography as well as interest in research at synchrotrons and free-electron lasers. Furthermore: enthusiasm for basic research; ability to work in a team and organizational talent; a very good command of English and the ability to communicate in German.

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 application with the usual documents (curriculum vitae, list of publications, certificates) by November 10, 2022 (stamped arrival date of the university central mail service applies), preferably via the TU Dresden SecureMail Portal https://securemail.tu-dresden.de by sending it as a single pdf document to jochen.geck@tu-dresden.de or to: TU Dresden, Fakultät Physik, Institut für Festkörper- und Materialphysik, Professur für Physik der Quantenmaterialien, Herrn Prof. Dr. Jochen Geck, 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.