

**Technische Universität Dresden - Faculty of Physics, Institute of Solid-State and Materials Physics**



The TU Dresden is one of eleven German universities that were identified as an "excellence university". TUD has about 36.500 students and almost 5319 employees, 507 professors among them, and, thus, is the largest university in Saxony, today.

Having been committed to sciences and the engineering before the reunification of Germany, TU Dresden now is a multi-discipline university, also offering humanities and social sciences as well as medicine.

**Chair (W3) of Experimental Solid-State Physics**

The position is to be filled on April 1st 2021.

City: Dresden; Starting Date: 01/04/21; Renumeration: W3; Closing date: 02/09/19

**Task**

We are looking for a scientist able to fully represent the field of Experimental Solid-State Physics in research and teaching. Solid-state physics is an internationally recognized research focus at the Dresden research campus. A large number of collaborating groups both at the university and at independent research institutes are dealing with this topic on a top level. In particular, magnetism, superconductivity, and materials with topologically protected states play a central role. If you can contribute to strengthening these major research areas with a long-term perspective, e.g. via novel experimental methods for the investigation of unconventional states of matter, you will fulfil a central criterion for being appointed. Participation in the DFG Collaborative Research Center (SFB) 1143 "Correlated Magnetism: From Frustration to Topology" is explicitly desired. In addition, we expect you to complement the research activities of the excellence cluster ct.qmat "Complexity and Topology in Quantum Matter". Furthermore, there is a possibility for close cooperation with the International Max Planck Research School for Chemistry and Physics of Quantum Materials (IMPRS-CPQM). We expect you to actively contribute to the teaching duties of the Faculty of Physics. Your duties furthermore include participation in self-administration and in academic boards.

**Qualifications**

To be eligible for the position, you need a doctorate in physics or a related discipline as well as a habilitation or habilitation-equivalent achievements in research and teaching. We furthermore expect you to be familiar with acquiring third-party funding and to be experienced in project and group management. Special emphasis is placed on top-class publications, strong international contacts, as well as independently acquired and successfully conducted research projects. You should be able to give courses in both German and English. Immediate proficiency in German is not a prerequisite, but we expect you to acquire sufficient language skills within a reasonable period of time to conduct teaching and administrative tasks in German. Applicants must fulfil the employment qualification requirements of § 58 of the Act on the Autonomy of Institutions of Higher Education in the Free State of Saxony (SächsHSFG).

## What We Offer

For further questions, please contact the head of the appointment committee, Prof. Dr. Sebastian T.B. Goennenwein, phone +49 351 463-46055, e-mail [sebastian.goennenwein@tu-dresden.de](mailto:sebastian.goennenwein@tu-dresden.de).

TU Dresden seeks to employ more female professors. Hence we particularly encourage women to apply. Applications from candidates with disabilities or those requiring additional support are very welcome. The University is a certified family-friendly university and offers a Dual Career Service. If you have any questions about these topics, please contact the Equal Opportunities Officer of the Faculty of Physics (Ms. Prof. Dr. Ellen Hieckmann, phone +49 351 463-36051) or the Representative of Employees with Disabilities (Mr. Roberto Lemmrich, phone +49 351 463-33175).

## Application

Please submit your application (including a comprehensive CV, a description of your research interests emphasizing achievements and future goals, a list of publications and of third-party-funded projects acquired, a compilation of courses taught incl. the results of evaluations, and a certified copy of the certificate of your highest academic degree) as a hard copy to TU Dresden, Dekan der Fakultät Physik, Herrn Prof. Dr. Michael Kobel, Helmholtzstr. 10, 01069 Dresden, Germany until **02.09.2019** (stamped arrival date of the university central mail service applies). Additionally, please send all documents merged into a single PDF file via the TU Dresden SecureMail Portal <https://securemail.tu-dresden.de> to **dekanat.physik@tu-dresden.de**.

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>

More information at <https://stellenticket.de/66614/FUB/>

Offer visible until 20/07/19

