

The Leibniz Institute for Solid State and Materials Research Dresden (IFW Dresden) is a non-university research institute and a member of the Leibniz Association. The IFW employs approximately 600 people and one focus is on the training of young scientists besides enhancing fundamental and applied research development. At the highest international level, the IFW operates modern materials science on a scientific basis and makes the obtained results useful for the economy. The complex and interdisciplinary research work is carried out within the IFW by five scientific institutes, which are supported by a highly developed technical infrastructure. The IFW supports its employees in reconciling work and family life and regularly submits to the berufundfamilie® audit. Further information at: <http://www.ifw-dresden.de>.

PhD position in Condensed Matter Theory (m/f/d)

We announce the opening for a Ph.D. position in Condensed Matter Theory within the Würzburg-Dresden Excellence Center (ct.qmat). The position will be shared between Prof. Dr. Jeroen van den Brink (IFW Dresden) and Prof. Dr. Ewelina Hankiewicz (Würzburg University). The appointed fellow will have an opportunity to collaborate with highly active condensed matter groups in Dresden and Würzburg.

Target areas include (but are not limited to) quantum transport and electronic structure calculations for novel quantum materials. The ideal candidate would be interested in to work on the border between topological matter and magnetism. The research environment is international and friendly, with many opportunities for collaboration with other research groups, both theoretical and experimental.

Your Profile:

The successful candidate (m/f/d) should have a Master's degree or Diploma in theoretical physics, preferably with a background in condensed matter physics, as well as high motivation and good English skills. Some experience with programming languages is preferred.

Conditions:

The duration of the PhD is one year with the possibility of extension for two years. The salary is according to the German tariff TV-L (EG 13, 50%). The employment is starting 1 January, 2020 at the earliest, but later dates are possible.

The IFW would like to increase the proportion of women in science. Qualified women are therefore explicitly invited to apply. Severely disabled applicants (m/f/d) are given preferential treatment if they have the same qualifications.

If you are interested in the position, please send your application including a CV and the list of publications, a motivation letter describing the research career goals, skills and experience, copies of certificates citing the **reference number (DM5100-1/19)** as a single pdf file (other formats will not be accepted) to the following email-address:

bewerbung@ifw-dresden.de.

The position is open as long as the announcement is online.

Please contact Prof. Ewelina Hankiewicz (hankiewicz@physik.uni-wuerzburg.de) and Prof. Jeroen van den Brink (j.van.den.brink@ifw-dresden.de) for more information.