

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](mailto:berufundfamilie@audit).

Further information at: <http://www.ifw-dresden.de>.

The Institute for Complex Materials offers within the working group Acoustic Microsystems within the SAWLab Saxony of the IFW Dresden a

## Scientist / Post-doctoral Position (m/f/d)

starting at 01.11.2020 in full-time limited to 24 months, with possible extension by further 24 months.

As a successful candidate (m/f/d) you should have a Master's degree or Diploma in material sciences, microsystems engineering, electrical engineering or experimental physics, and you should have acquired your PhD in a similar discipline. Due to your previous research experience you have comprehensive knowledge in the fields of acoustic high-frequency technology (SAW, BAW, Plate Waves) and thin-film and micro technology. Furthermore, you have experience in project organization and in the supervision of doctoral candidates and students. A good knowledge of German, very good written and spoken English and a distinctive ability to work in an international, interdisciplinary team complete your profile. A good knowledge of Spanish is advantageous.

### Research project:

The offered position is part of an EU joint research project under lead by a Spanish research facility.

Tasks foreseen for the offered position at IFW comprise:

- Design and layout of acoustic high-frequency devices,
- Assistance during realization, analysis and test of acoustic high frequency devices,
- Fundamental investigations of physical interactions,
- Basic scientific activities (literature surveys, publication, assistance in the preparation of project reports and in securing IP, networking with research and industrial partners), and
- Supervision of doctoral candidates and students.

The duration of the contract is 24 months, with possible extension by further 24 months. The salary is according to the German tariff TV-L (EG 13, 100%, full-time is preferred). The employment is starting 01.11.2020.

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 3010-2/20** as a single pdf file (other formats will not be accepted) to the following email-address:

[bewerbung@ifw-dresden.de](mailto:bewerbung@ifw-dresden.de).

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

Please contact Dr. Andreas Winkler ([a.winkler@ifw-dresden.de](mailto:a.winkler@ifw-dresden.de)) for more information.