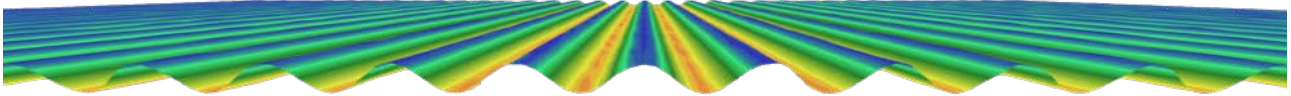




Leibniz-Institut
für Festkörper- und
Werkstoffforschung
Dresden

SAW Lab
SAXONY



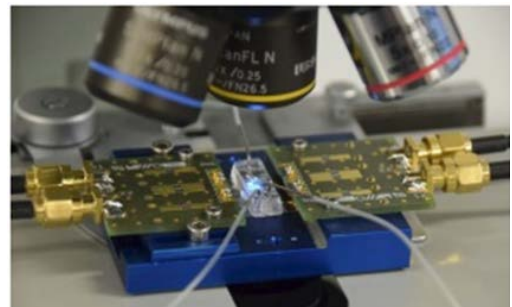
The Leibniz Institute for Solid State and Materials Research Dresden – in short IFW Dresden – is a non-university research institute and a member of the Leibniz Association. The IFW employs approximately 600 people and one focus is on the training of young scientists besides enhancing fundamental and 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>.

The Leibniz Institute for Solid State and Materials Research (IFW) Dresden offers as part of a research project of the competence and application Center for acoustoelectronic fundamentals, technologies and components (SAWLab Saxony)

from now on a possibility to employment as a
student assistant (m/f/d).

In the field of SAW-based microfluidics, we are working on innovative approaches for the fabrication of microacoustic structures, which are used in particular for the manipulation of particles and cells in liquids as well as for sensory applications.

In particular, you perform experimental work in which microacoustic and microfluidic components are produced and subsequently characterized. The activity includes, in addition to the production of the individual components, the high-frequency measurement of microacoustic components and the optical analysis by means of microscopy.



As a candidate, you study in the field of materials science, process engineering, microsystems technology, electrical engineering or microfluidics and are interested in researching a promising lab-on-a-chip technology. Advantageous are first experiences in high-frequency measurement and optical microscopy. The ability to work in a team and the willingness to conscientious and careful work are required.

It is also possible to do a master or diploma thesis.

You receive information on www.SAWLab-Saxony.de, please feel free to contact Dr. Robert Weser at r.weser@ifw-dresden.de.

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 (in English) including a CV, a motivation letter describing the research career goals, skills and experience and copies of certificates citing the **reference number (DM1001-2/19)** as a single pdf file (other formats will not be accepted) exclusively to:

bewerbung@ifw-dresden.de.