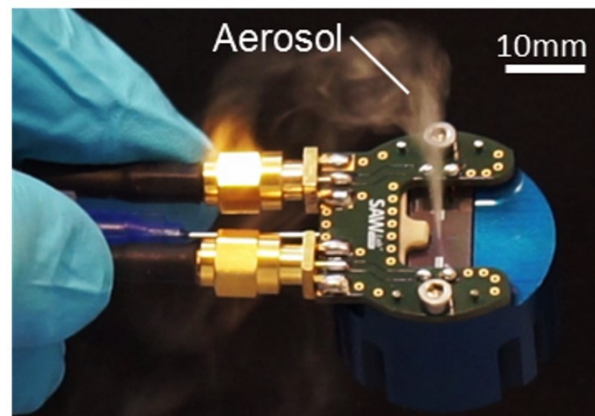


The Leibniz Institute for Solid State and Materials Research Dresden – in short IFW Dresden – is a nonuniversity research institute and a member of the Leibniz Association. The IFW employs approximately 600 people and one focus is on the training of young scientists besides enhancing fundamental and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

The Competence and Application Center for Acoustoelectronic Fundamentals, Technologies and Components – **SAWLab Saxony** – of the Leibniz Institute for Solid State and Materials Research – IFW Dresden – is now offering positions for completing a **master's or diploma thesis**. In the context of employment as a student assistant compensation is possible.

Within the application-oriented project “MehrZAD”, a recently developed compact acoustic aerosol generator will be further improved and validated for application areas such as mass-spectrometry, material deposition, inhalation therapy and olfactory sources. As part of the team, you will plan, design, analyse and test new atomizer chips and chip holders in real-world scenarios.

As a candidate (m/w/d), you study in the field of process engineering, microsystems technology, electrical engineering, mechanical engineering, microfluidics or similar and you are interested being part of a cutting-edge research team, and to work with a promising lab-on-a-chip technology. First experiences in microfluidic design and experiment, 2D/3D CAD and aerosol science are advantageous. The ability to work in a team is strongly required.



Further information can be found at: www.sawlab-saxony.de/contact-jobs/

SAW Lab
SAXONY

The institute promotes the professional equality between all genders. In science, the IFW Dresden would like to increase the proportion of woman. Qualified women are therefore explicitly invited to apply. Equally qualified handicapped applicants will be given preference.

If you are interested in the position, please send your application (in English or German) including a cover letter with CV and copies of certificates and other relevant material (if applicable) citing the **reference number 022-21-3010** 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 Dr. Mehrzad Roudini (m.roudini@ifw-dresden.de) for more information.