



Leibniz Institute
for Solid State and
Materials Research
Dresden



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: www.ifw-dresden.de.

The Institute of Complex Materials within the framework of its Application Center for acoustoelectronic fundamentals, technologies and applications (SAWLab Saxony) at the IFW Dresden offers a

Post-Doc Position (m/f/d)

starting at 1.1.2020 in full-time (part-time is also possible) limited to 24 months with the possibility of renewal.

As member of the SAWLab Saxony, you are part of a dedicated and innovative team in a complex, multidisciplinary research environment. Particularly relevant to the position offered is the field of wireless, autarc sensors for the high temperature range (above 600 °C). Your task within the team is to carry out experimental and numerical investigations on material transport and damage mechanisms in thin films at high temperature or under high-cyclic, mechanical and electrical load.

As an applicant (m/f/d), you should have studied in the field of materials science, microsystems technology or experimental physics with a Master of Science or diploma degree and have a doctorate. Required for the research activity is strong interest in microtechnologies and experience in numerical simulation (Comsol Multiphysics). First experiences in the fields of material analysis and microstructuring are advantageous. The ability to work in a team and very good German or English skills are required.

The employment relationship, including remuneration, is governed by collective bargaining for the public service of the Länder. The remuneration is based upon the TV-L rules (EG 13, 100%). 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, a motivation letter describing the research career goals, skills and experience, copies of certificates and the names and contact details of two references citing the **reference number (A3100-2/20)** as a single pdf file (other formats will not be accepted) exclusively to:

bewerbung@ifw-dresden.de.

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

For further information please contact:

Dr. Andreas Winkler (a.winkler@ifw-dresden.de)

or Dr. Siegfried Menzel (s.menzel@ifw-dresden.de).



www.SAWLab-Saxony.de