

The Leibniz Institute for Solid State and Materials Research Dresden e. V. (IFW Dresden) conducts modern materials research on a scientific basis for the development of new and sustainable materials and technologies. The institute employs an average of 500 people from over 40 nations and, in addition to its scientific tasks, is dedicated to promoting young scientists and engineers.

Research Assistant (m/f/d) in the field of surface acoustic wave sensors (SAW sensors)

The Institute for Complex Materials (IKM) of the Leibniz Institute for Solid State and Materials Research Dresden (IFW Dresden) has an immediate vacancy for a Scientific Assistant (m/f/d) in full-time (part-time by arrangement). The employment in this project is limited until 30.06.2023.

Your key responsibilities:

- Support in the production of wireless sensors and their characterization
- Scientific execution and monitoring of test series with the sensors in high-temperature burners (static) and on the turbine model (dynamic)

Your profile:

- Potential applicants (m/f/d) should have completed a scientific university degree with master or comparable degree preferably in electrical engineering, materials engineering or communications engineering.
- Good knowledge in the field of high frequency technology and knowledge in high frequency measurement technology are advantageous.
- Knowledge in the field of SAW - sensor technology is desirable.
- As an international research institution, we require a willingness to work in a team and to network with scientific institutes and industrial partners, as well as a good command of the current MS programs and a good command of written and spoken English.

We offer:

The employment relationship, including remuneration, is based on the collective bargaining law for the public service of the federal states (TV-L) with remuneration according to pay group 13.

IFW Dresden strives for a balanced gender ratio in all areas. IFW Dresden would like to increase the proportion of women in science and therefore expressly invites suitably qualified female scientists to apply. Applications from people with severe disabilities are explicitly welcome.

Please send your application with informative documents (letter of motivation, curriculum vitae, educational certificates, references, etc.) exclusively in electronic form and in a PDF file (other formats will not be considered), quoting the reference number 010-23-4500, to:

bewerbung@ifw-dresden.de

For more information on this position, please contact:

Group leader Dr. Andreas Winkler a.winkler@ifw-dresden.de

The position will remain posted until filled.

