

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. The IFW supports its employees in reconciling work and family life and regularly undergoes the audit [berufundfamilie@](mailto:berufundfamilie@ifw-dresden.de). Further information at: <http://www.ifw-dresden.de>.



The Institute for Materials Chemistry of the IFW Dresden offers a

Scientist / PhD Student Position (m/f/div)
for the topic “Porous Materials and Nanofluidics”

starting from 1 June 2026 in part-time with 67 %. The position is subject to project approval and is a fixed-term position for 3 years.

Main tasks:

- Fabrication and characterization of 2D and 3D porous materials.
- Developing new methodologies in the field of nanofluidics.
- Design and implementation of nanofluidic experiments with porous materials.
- Publishing and presentation of scientific results.

Your profile:

- As a successful candidate (m/f/div) you should have a completed Master’s degree or Diploma in Chemistry or Materials Science.
- Profound knowledge of materials synthesis and their characterization using spectroscopic and microscopic methods is required.
- Experience in membrane separation and vacuum apparatus is highly 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 confidence in the use of standard MS programs and a good command of written and spoken English.



What we offer:

- a modern, well-equipped workplace on the campus of the Technische Universität Dresden,
- flexible, family-friendly working hours,
- 30 days vacation per year,
- company pension scheme (VBL),
- benefits for job ticket/Germany ticket,
- special annual payment,
- capital-forming benefits,
- company health management (back training, health day with various offers),
- discounted sports offers from the Dresden University Sports Center,
- job-related further training opportunities and language courses,
- company restaurant with a variety of breakfast and lunch dishes.
- a future-oriented environment with a workplace with modern research infrastructure,
- working with international and interdisciplinary scientists from different fields,
- working on current research fields.

The employment relationship, including the salary is according to the German tariff TV-L and is task-related up to pay group 13 TV-L.

Notes on the application:

IFW Dresden strives for a balanced gender ratio in all areas. In science, IFW Dresden would like to increase the proportion of women and therefore explicitly invites suitably qualified female scientists to apply. Applications from severely disabled individuals and those with equal status according to § 2 paragraph 3 SGB IX are explicitly welcomed. A corresponding proof must be included with the application documents.

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 028-26-3600** as a single PDF file (other formats will not be accepted) no later than **30.04.2026** to

bewerbung@ifw-dresden.de.

If you have further questions on the position please contact: Dr. Peter Dement (p.dement@ifw-dresden.de)