

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. Further information at: <http://www.ifw-dresden.de>

Scientist / PhD Student (m/f/d) Position for the topic "Porous 2D materials"

The Institute for Materials Chemistry of the IFW Dresden offers a scientist/PhD-Student position (m/f/d) starting from 1 October 2024 and limited for 36 months in part-time with 67 %. The employment is limited until 30.09.2027 with the option of extension.

Your key tasks:

- Fabrication and structural characterization of novel 2D materials.
- Developing new methodologies in the field of mass transfer across 2D materials.
- Design and implementation of permeation experiments with porous 2D materials.
- Publishing and presentation of scientific results.

Your profile:

- As a successful candidate (m/f/d) you should have a Master's degree or Diploma in Chemistry, Materials Science or Chemical Engineering.
- Profound knowledge of materials synthesis and their characterization using spectroscopic and microscopic methods is required.
- Experience in membrane separation and electroanalytical techniques 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.

The salary is according to the German tariff TV-L (EG 13, 67 % part-time).

The institute promotes the professional equality between all genders. 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 expressly welcome.

The application for this position should include a cover letter, CV, copies of certificates as well as reference letters (if available). Complete applications should be submitted under the reference number **059-24-3000** until **30.09.2024**. Please send the application as a pdf file (other formats will not be accepted) to the following email-address:

bewerbung@ifw-dresden.de

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

