Faculty of Chemistry and Food Chemistry

The Chair of Inorganic Chemistry I offers a project position as

Research Associate
(Subject to personal qualification employees are remunerated according to salary group E 13 TV-L)

starting January 1, 2022. The position is limited until February 28, 2023 with the option for extension, subject to the availability of resources. The period of employment is governed by § 2 (2) Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz-WissZeitVG).

Tasks: The successful candidate will investigate the synthesis of novel nanoporous materials for applications in gas and energy storage, especially the synthesis of novel stimuli-responsive metal-organic frameworks (MOFs). Instrument development for the analysis of the influence of the structure on the adsorption behavior in case of different temperatures and gases. Kinetic data evaluation and statistical analysis of microscopic images. MOF-Synthesis and interpretation of experimental data of adsorption and diffraction measurements.

Requirements: very good university degree (M. Sc. or equivalent) in chemistry; knowledge of inorganic synthesis and adsorption; basic knowledge in the field of materials research, especially knowledge in the field porous materials. The capability of teamwork, in particular with experimental partners, is essential. High self-motivation, good PC skills and a good command of written and spoken English complete your profile.

Applications from women are particularly welcome. The same applies to people with disabilities. Please submit your comprehensive application including the usual documents by indicating the reference number (w399) until September 13, 2021 (stamped arrival date of the university central mail service applies) by mail to: TU Dresden, Fakultät Chemie und Lebensmittelchemie, Professur für Anorganische Chemie I, z.Hd. Frau Kristin Rausch, Helmholtzstr. 10, 01069 Dresden. Please submit copies only, as your application will not be returned. Expenses incurred in attending interviews cannot be reimbursed.

Reference to data protection: Your data protection rights, the purpose for which your data will be processed, as well as further information about data protection is available to you on the website: https://tu-dresden.de/karriere/datenschutzhinweis