



Scientific Position (m/f/d)

position number: 114-E/2026

Faculty of Chemistry, Physics and Biosciences

Workload: 1.0 VZÄ (40 hours/week)
Contract type: Fixed Period Until 31.10.2028

Pay grade: Pay group E13 TV-L
Start: 01.11.2026

The Department of Physical Chemistry is seeking to fill the above-mentioned position as of November 1, 2026, as part of an externally funded project (subject to the funding being confirmed).

The Department of Physical Chemistry conducts research in the fields of catalysis, metal hydrides, and porous metal-organic frameworks (MOFs). The goal of the project is to develop new catalysts for ammonia oxidation. The position is part of a group for early-career researchers. Therefore, the degree of the person to be hired must have been earned within the last six years.

These are your tasks:

- Conducting research as part of a research project on the synthesis and investigation of new catalysts for the heterogeneous oxidation of ammonia.
- Performing chemical syntheses of MOFs and MOF-ceramic hybrid systems.
- Conducting accompanying measurements for material characterization (XRD, BET, TG-DSC, FTIR, PCI measurements, SEM/AFM, etc.)
- Support in teaching (laboratory courses, exercises)
- Coordinating activities with the other project partners
- Preparation of publications, preparation of research reports

This position is suitable for a Ph.D. candidate.

What we expect:

- A university diploma or master's degree in chemistry, applied natural sciences, chemical or process engineering, physics, materials science, or a related field.
- A high degree of initiative, self-organization, teamwork, and resilience
- Enthusiasm for scientific work
- Willingness to familiarize yourself with new topics
- good English (or German) language skills, both written and spoken

What you can expect from us:

- working at a family-friendly university with flexible working hours
- remuneration according to the provisions of the collective agreement for the public service of the federal states in accordance with the personal requirements; attractive fringe benefits, e.g. B. Asset-based benefits (VL), company pension schemes (VBL), health management, assistance (training) by experienced colleagues
- guidance by experienced colleagues and the possibilities of further education

Applications

Please send your application with the usual documents, quoting the reference number (114-E/2026)

preferred until 14.07.2026

by E-Mail:

bewerbungen@tu-freiberg.de

or to:

TU Bergakademie Freiberg
Dezernat Personalangelegenheiten
09596 Freiberg



For further information, please contact

Prof. Florian Mertens:

Tel.: 03731-393737, E-Mail:

Florian.Mertens@chemie.tu-freiberg.de

The applicant must meet the hiring requirements for fixed-term employment contracts according to the WissZeitVG. Applicants with disabilities will receive preferential consideration, provided they possess equal qualifications. For consideration, we ask you to submit proof of your disabled status together with your application documents. TU Bergakademie is committed to increasing the number of women in teaching and research positions, hence qualified female candidates are especially encouraged to apply.