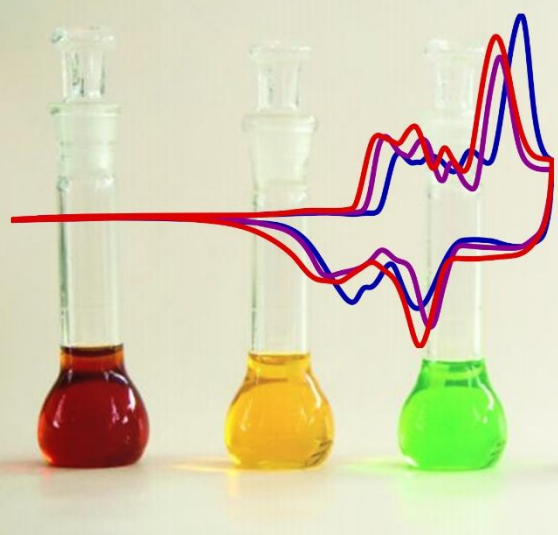


doctoral researcher (PhD student)

reference number 168-E/2026

Faculty of Chemistry, Physics and Biosciences

Hours: 0.65FTE (26 hours per week)

Contract: fixed term until 31/12/2029

Pay Grade: E13 TV-L

Start: 01/01/2027

The Department of Inorganic Chemistry at TU Bergakademie Freiberg invites applications for the above fixed-term position within a project on research and development of aluminium-based battery systems.

Your responsibilities:

- Research on aluminium-based battery systems, in particular cell chemistry, electrode kinetics, and speciation/impurities in electrolytes
- Dissemination of results in reports, presentations and articles in scientific journals
- Supervision of undergraduate research projects
- Collaboration with project partners from other universities, research institutes and companies

What we expect from you:

- University MSc (or equivalent) degree in chemistry or a closely related subject
- Experience in several of the following areas: inorganic chemistry and physico-chemical properties of energy materials and ionic liquids; analytical electrochemistry; coordination chemistry; NMR, UV-Vis and vibrational spectroscopy; working under inert atmosphere
- Research experience in an international, interdisciplinary environment and experience with contributing to scientific publications are desirable
- Ability to work independently and collaboratively in a team, interest in interdisciplinary work, flexibility
- Very good written and spoken English; basic knowledge of German is desirable
- You are striving to gain further scientific qualifications

What you can expect from us:

- Work in an active and supportive research group at a family-friendly university with flexible working hours
- Support from experienced colleagues with research, scientific publications and conference contributions
- Salary according to TV-L with attractive benefits (e.g. capital-forming benefits, VBL occupational pension scheme, workplace health management)
- Opportunities for professional and personal development
- Discounted public transport ticket (Jobticket)

Your application

Please send your application with the usual documents (CV, short cover letter, degree certificates), quoting the reference number (168-E/2026)

by 20 October 2026 by email to:

bewerbungen@tu-freiberg.de

or by post to:

TU Bergakademie Freiberg
Dezernat Personalangelegenheiten
09596 Freiberg



**For further information,
please contact:**

Prof. Gero Frisch

Phone: +49 3731 39-3573

Email: frisch@tu-freiberg.de

Applicants must meet the requirements for fixed-term employment under the German Academic Fixed-Term Contract Act (WissZeitVG). Applicants with severe disabilities or equivalent status will be given preference in the case of equal suitability, performance and qualification. Please enclose relevant proof. TU Bergakademie Freiberg actively seeks to increase the proportion of women in science and encourages qualified women to apply. We process the personal data you provide exclusively for the purpose of carrying out the application process and only store it for as long as necessary.