



At the Faculty of Material Science and Technology, Institute of Nonferrous Metallurgy and Purest materials the position of

Research Associate (m/f/d) – reference number 261-E/2022

is to be filled as soon as possible.

Pay grade: E13 TV-L
Hours: 1,0 FTE (part-time possible)
Contract type: limited to 36 months



The Institute of Nonferrous Metallurgy and Purest Materials (INEMET) is working on the development of new processes for the production and recycling of Nonferrous metals. Within a project funded from the Dr. Erich-Krüger-Foundation, the sustainable production of tin, from ores produced in the state of Saxony, is investigated. Focus is the development of a suitable dissolution process for cassiterite and the study of the purification of resulting aqueous solution.

Job description:

- Carry out INEMET scientific tasks within the project and prepare reports necessary
- Development of a suitable process regarding the dissolution of tin ores from Saxony
- Development of suitable processes regarding the preparation of the tin solution for following process steps
- Planning, installing of experimental set-ups and carrying out experimental campaigns followed by result analysis
- Presentation of research results at project meetings/specialist conferences; preparation of scientific journal publications
- Close cooperation with project partners

What you can expect from us:

- A position at a family-friendly university with flexible working hours
- Salary in accordance with the collective labour agreement for civil servants of the German states
- attractive fringe benefits, e.g. asset-based benefits (VL), company pension schemes
- Induction through experienced colleagues, possibilities to participate in career development programmes

What we expect from you:

- A university diploma or master's degree in the fields of metallurgy, chemistry, material science, process engineering or related qualification
- Good knowledge in the areas of metallurgy and/or chemistry
- Personal commitment, ability to work both independently and as a member of the team
- Desire to pursue a Ph.D.

For further information please contact Univ.-Prof. Dr.-Ing. Alexandros Charitos, Phone: +49 3731 39-2303, E-mail: Alexandros.Charitos@inemet.tu-freiberg.de or Dr.-Ing. Alexandra Thiere (Phone: 03731/392129, E-mail: Alexandra.thiere@inemet.tu-freiberg.de).

The applicant (m/f/d) 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.

Written applications, including a CV, motivation letter and copies of all relevant qualifications documents (certificates, diplomas), should be submitted by **October 12th, 2022** stating **reference number (261-E/2022)** to the following address:

**TU Bergakademie Freiberg, Dezernat für Personalangelegenheiten, 09596 Freiberg or
bewerbungen@tu-freiberg.de**

Your application documents will not be returned, please only submit copies. Candidates will not be compensated for any costs incurred for attending interviews. TU Bergakademie Freiberg is always looking for scientific personnel from various disciplines. Further information can be found at <http://tu-freiberg.de/wirtschaft/karriere/stellenausschreibungen>