At the faculty of Material Science and Material Technology, Institute of Non-Ferrous Metallurgy and Purest Materials, the following position (starting 01.04.2020) is announced:

**Scientist Assistant (m/f/d) – Position number 25-E/2020**
(with the precondition that respective project funding is secured)

The position is related to a research project which is to be funded by the state of Saxony

**Salary:** 13 TV-L  
**Position:** 1,0 VZÄ (The workplace can also be filled as a parttime job)  
**Termination:** until 31.12.2022 - (extension to be pursued)

The institute of Nonferrous Metallurgy and Purest materials is working on the development of new processes with regard to the production and recycling of non-ferrous metals. Goal of the project is, to develop and characterize process routes with the aim to utilize fayalitic slag (by-product of copper production) to produce added value products, namely a suitable phase for steel production and a further phase which is suitable for the production of glass fibers. The above will aid to a more sustainable copper production chain.

**We expect:**  
- Independent planning and realization of lab-scale experiments and critical evaluation of results  
- Thermodynamic and flowsheet modelling of process routes (use of FactSage and HSC-Sim software)  
- Close cooperation with internal project partners  
- Publications of results in peer-reviewed journals and conference proceedings

**What we offer:**  
- A family friendly work environment and flexible hours  
- Guidance and support provided by experienced senior level researchers  
- Opportunities for on-the-job training and professional development  
- Competitive wages and attractive benefits

**To succeed you will need:**  
- A university diploma or master degree in the area of metallurgy, chemistry, materials science, process engineering or equivalent degree  
- Personal commitment, ability to work both independently and as member of the team  
- Willingness to pursue further scientific qualification

For further information you can contact Univ.-Prof. Dr.-Ing. Michael Stelter, Tel. 03731 39-2015, E-Mail: stelter@inemet.tu-freiberg.de.

TU Bergakademie Freiberg is committed to increasing the ratio of women in teaching and research positions. Qualified female scientists are therefore invited to apply. Severely disabled applicants will be given preferential consideration in the event of equal suitability.

Please address your application and relevant annexes with reference to the **position number (25-E/2020), until 21.02.2020** to:

TU Bergakademie Freiberg - Dezernat für Personalangelegenheiten - 09596 Freiberg, Germany

Your application documents will not be returned, therefore please send only copies. Interview costs will not be covered. TU Bergakademie Freiberg is further looking for scientific personnel of diverse specialization. For further information: [http://tu-freiberg.de/wirtschaft/karriere/stellenausschreibungen](http://tu-freiberg.de/wirtschaft/karriere/stellenausschreibungen)