



At Technische Universität Bergakademie Freiberg, Faculty of Mechanical, Process and Energy Engineering, Institute of Ceramics, Glass and Construction Materials, the temporary position of



Scientific Assistant (m/f/d) – Position number 61-E/2020

can be filled at the earliest possible date.

Vergütung: 13 TV-L
Stellenumfang: 0,75 VZÄ
Befristung: 3 years (Doctorate)

Description of the position:

Basic research on the pressure behavior of amorphous materials. Independent planning and conduction of experiments using a Diamond-Anvil-Cell, mainly *in-situ* Raman spectroscopy. Structural and physical characterization of small samples. You will be associated to other scientists as part of the Freiberg High Pressure Research Center (FHP) and contribute to joint, interdisciplinary research projects. You will present your scientific knowledge in publications and (inter-)national conferences.

You can expect from us:

- interdisciplinary, scientific work and support in a small, young, motivated team
- active support of your Phd-study
- (inter-)national conference participation as well as international research exchange/internships
- networking and integration in the Freiberg High Pressure Research Center
- 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

What we expect:

- very good or good university diploma or master's degree in a natural science course, e.g. chemistry, physics; high motivation and creativity as well as experimental skills
- sensitivity and care when dealing with very small sample volumes
- basic knowledge of crystalline and amorphous materials as well as spectroscopic techniques
- advanced German skills
- participation in teaching e.g. as supervisor of laboratory trainings or exercise units

For further information please contact Mrs. J.-Prof. Sindy Fuhrmann.
E-Mail: sindy.fuhrmann@ikgb.tu-freiberg.de.

Applicants (m /f/d) must meet the employment requirements for temporary employment contracts in accordance with the WissZeitVG. TU Bergakademie Freiberg is committed to increasing the number 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 send your application and relevant documents with reference to the **position number (61-E/2020)**, until **14.04.2020** 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>