



The Faculty of Mechanical, Process and Energy Engineering at Technische Universität Bergakademie Freiberg wishes to fill the



W2 Professorship for "Technology of Glass Production" (Ausschreibungskennziffer 03/2021)

at the earliest possible date.

We seek an exceptionally qualified person representing glass-production processes in research and education. Research should focus on the combination of experiment, modelling and simulation. The following research areas and applications are considered essential for the development of the professorship:

- Environment, energy and resource-saving process design for low or emission-free glass production,
- Systems engineering and implementation of Industry 4.0 in the glass industry,
- Shaping technologies and product design, glass post-processing,
- Glass surfaces and coatings (thin and thick film technologies, including enamel),
- Manufacture and processing of flat and hollow glass as well as glass fibres.

We are looking for a colleague with internationally-visible scientific excellence, who covers the aforementioned subjects through basic academic research or through verifiable applied or industry-related research. The successful candidate will teach the fundamental aspects of glass technology and enamel and is expected to add new aspects with modern and digital teaching concepts in both German and English. The bandwidth of courses in technologies and applications of non-metallic, inorganic glass-based materials should be continued and expanded. Active participation in training and qualifying professionals from the glass industry at the GlasCampus Torgau is expected.

The candidate must fulfil the general appointment conditions for professors under § 58 of the Saxon Higher Education Autonomy Act (SächsHSFG) from 15 Jan 2013 (Saxon Law and Ordinance Gazette Year 2013 Gazette No 1 p. 3). The university provides active support in childcare provision and in mediating appropriate job positions for the candidate's partner or spouse.

TU Bergakademie 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.

For further questions, please contact the chairman of the Appointment Committee,
Prof. Andreas Bräuer (Andreas.Braeuer@tu-freiberg.de)

Written applications accompanied by supporting documentation (curriculum vitae, scientific career, copies of certificates, list of publications, teaching record and evaluations, statement of future research, along with a certified copy of the highest academic degree) should be sent with mention of the position number (03/2021) no later than **07.03.2021** via email to bewerbungen@tu-freiberg.de or via postal letter to:

TU Bergakademie Freiberg
Dezernat für Personalangelegenheiten
09596 Freiberg, Germany