At Technische Universität Bergakademie Freiberg, Faculty of Mechanical, Process and Energy Engineering, the

W3 Professorship for "Energy Process Engineering "
(succeeding Prof. Bernd Meyer) - (Ausschreibungskennziffer 289-1/2019)

needs to be filled at the earliest possible date.

At TU Bergakademie Freiberg, the successful candidate will represent the field of "Energy Process Engineering". The research areas are expected to relate to thermo-chemical transformation processes in the fields of energy, the environment, and materials, for instance:

- intelligent coupling of blue and green hydrogen with chemical and metallurgical processes (low carbon industry)
- circular economy of carbon based materials
- production of chemical energy sources for storage (renewable synthetic fuels)
- material use of carbonaceous, fossil and biogenic energy resources (biogenic carbon)

In teaching, the successful candidate will present teaching content in process engineering (also in English language).

We are looking for someone who is exceptionally qualified in the aforementioned areas and who is able to represent the field in science just as capably as with research sponsors and industrial contract research partners. Internationally visible scientific excellence, management experience, and proven third-party funding skills are expected. Ideally, the candidate will bring an entrepreneurial mindset to the role, and will already have access to networks in business and science. Successful acquisitions of research contracts, especially from the private sector and public funding organisations, are highly valued.

The current Professor is jointly leading the Fraunhofer-Gesellschaft Business Unit "Kohlenstoffketten IK2". Following the Karlsruhe model, a continuity with the successful candidate is aimed.

The successful candidate must meet the general appointment requirements for professors under § 58 of the Saxon Higher Education Autonomy Act (SächsHSFG) of 15 Jan 2013 (Saxon Law and Ordinance Gazette Year 2013 Gazette No 1 p. 3) as amended. The university provides active support in the provision of childcare and in mediating appropriate job positions for the candidate's partner or spouse. TU Bergakademie Freiberg pursues an instructional and research concept in which the successful candidate is expected to move their main residence to Freiberg or its immediate vicinity.

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.

The application documents must be submitted by 29.02.2020 to Technische Universität Bergakademie Freiberg, Dezernat für Personalangelegenheiten, Akademiestraße 6, D-09596 Freiberg.

For further questions, please contact the chairman of the Appointment Committee, Prof. Tobias M. Fieback (dekan@dekanat4.tu-freiberg.de).