



TECHNISCHE UNIVERSITÄT
BERGAKADEMIE FREIBERG

Die Ressourcenuniversität. Seit 1765.



The Department of Mathematics and Computer Science of the Technical University Bergakademie Freiberg invites applications for a full professorship (W2) in

Partial Differential Equations - Position number 159/2019

with anticipated starting date of April 1, 2021.

We are looking for a personality who represents the field in teaching and research. Applicants (m/f/d) should combine innovative mathematical research with successful acquiring external and third-party funding. Candidates should work in an active field of partial differential equations which is relevant in applications, such as thermodynamics, aero- and hydrodynamics, diffusion processes, fluid transport in porous media, kinetics of chemical reactions and combustion, continuum mechanics, seismology, inverse problems, optimal control, deep learning and variational methods in image processing.

With a distinguished focus on all aspects relating to the management of natural resources, the Technical University Freiberg features a unique profile in the areas of earth, material, energy and environment sciences. The willingness and ability for cooperation with professional colleagues and interdisciplinary collaboration is therefore of great importance.

Teaching duties include introductory and advanced courses for students in mathematics and other curricula of the university. The ability to teach and interact with local as well as international students in German and English is prerequisite.

The applicant (m/f/d) must fulfill the general criteria for an appointment as a professor according to § 58 of the „Sächsisches Hochschulfreiheitsgesetz“ (Higher education act of Saxony) dated January 15, 2013, in its currently valid and applicable version. Essential requirements include a university degree, a PhD degree and additional proof of qualification for a professorship, typically fulfilled by a habilitation degree, a tenure as professor or an equivalent excellent research record.

The university actively supports candidates in finding adequate child care and in providing information regarding local job positions for partners or spouses. The TU Bergakademie Freiberg is committed to increasing the ratio of women in teaching and research positions. Therefore, qualified female candidates are especially encouraged to apply. Equally qualified candidates with disabilities will receive preferential consideration, with certificate.

Written applications accompanied by supporting documentation (curriculum vitae, copies of certificates, scientific career, list of publications, teaching record and evaluations, research projects and statement of future research, should be sent with reference to the **position number (159/2019)** not later than **30.09.2019** per email to bewerbungen@tu-freiberg.de or to

TU Bergakademie Freiberg - Dezernat für Personalangelegenheiten - Akademiestraße 6 - 09599 Freiberg

For further inquiries, please contact Prof. Dr. Konrad Froitzheim (dekan.f1@math.tu-freiberg.de, phone +49-3731-39-3939).