



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

“Mathematical Optimization” Position number 235/E/2020,

starting date is Oct. 1st 2022.

We are looking for exceptional, internationally active candidates to represent mathematical optimization in research and teaching. We expect competence in several high potential, future oriented research areas such as

- theory and numerics of nondifferentiable optimization problems,
- optimization in infinite dimensional spaces,
- mathematical optimization with applications in data science or machine learning,
- optimal control,
- robust optimization.

Candidates shall be internationally active in their community, successful with grant acquisition and willing to cooperate with colleagues in other areas within and outside the department.

The professorship includes participation in the courses offered by the mathematical institutes, especially in various areas of mathematical optimization and mathematics for economists. In addition to excellent academic qualifications, didactic skills and a high level of commitment to teaching are required.

With a distinguished focus on all aspects relating to the management of natural resources, the Technical University Bergakademie Freiberg features a unique profile in the areas of earth, material, energy and environment sciences. Enthusiasm to cooperate with other professors and for interdisciplinary collaboration, especially with colleagues in computer science, is of great importance.

The willingness and ability to teach in German and English is required. The university will offer assistance in finding childcare and employment opportunities for spouses.

The applicant 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.

The university will help with finding childcare and employment opportunities for spouses. The TU Bergakademie Freiberg strives to hire more women as researchers and teachers. We strongly encourage female scientists to apply. Applications from candidates with disabilities will receive preferential consideration provided they offer the same qualifications.

For further inquiries, please do not hesitate to contact Prof. Dr. Oliver Rheinbach (phone +49-3731-39-2178, email: oliver.rheinbach@tu-freiberg.de).

Please send your application with the applicable documents (curriculum vitae, scientific career, certifications of academic credentials, list of publications, list of courses taught, evaluations, successful projects, research statement, teaching concept, etc.) to the position number **(235/E/2020)** not later than 14.02.2021 per email to bewerbungen@tu-freiberg.de or to

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