

The Department of Mathematics and Computer Science, Institute for Computer Science at TU Bergakademie Freiberg is inviting applications for the



**(W2) Professorship in „Artificial Intelligence“
position number: 270-E/2023**

with the anticipated starting date of October 1st, 2025.

We are looking for highly motivated candidates (m/f/d) with ideas to broadly represent Artificial Intelligence in research and teaching. Research topics should include core areas of AI such as machine learning, knowledge representation and reasoning, AI for autonomous systems, embedded AI or AI for Good. Of particular interest is the interaction between data-driven AI and modern database technologies, e.g., in the areas of Big Data, real-time and streaming databases for sensor networks/IoT/robotics, or software architectures and data-pipelines for the distributed processing of high-volume or high-velocity data.

Candidates are expected to be internationally active in their research community, successful with grant acquisition and excellent teachers on all levels of our curricula. Teaching languages are German and English.

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. The willingness and ability for cooperation with fellow researchers from the department of Mathematics and Computer Science as well as interdisciplinary collaboration is therefore of great importance.

You fulfill the general requirements for appointment according to § 59 of the “Sächsisches Hochschulgesetz” (Higher Education Act of Saxony), dated May 31, 2023, in its currently valid and applicable version.

The prerequisites are a degree, the special qualification for relevant scientific work (usually proven by a doctorate), habilitation or habilitation-equivalent achievements as well as pedagogical aptitude and university didactic knowledge.

Severely disabled or equivalent applicants (m/f/d) will be given preferential consideration in the event of equal suitability. For appropriate consideration, we ask that proof of the severe disability/equality be attached to the application documents. The TU Bergakademie Freiberg is a family-friendly and provides support in the provision of childcare facilities as well as in the placement of appropriate jobs in the region for life partners (m/f/d) or spouses (m/f/d) (dual career couples). It strives to increase the proportion of women in teaching and research. Qualified female scientists are therefore invited to apply.

Applications, stating the advertisement reference number (**270-E/2023**), should be sent with a curriculum vitae, a description of academic career, a list of publications with copies of the most important publications, a list of courses taught, the results of evaluations carried out in recent years, a certified copy of the highest academic degree, and a cover letter indicating your motivation for applying, as well as a research and teaching concept, by **March 31, 2024** to the:

TU Bergakademie Freiberg - Human Resources Department - 09596 Freiberg
preferably via email: bewerbungen@tu-freiberg.de.

If you have any questions, please contact the dean of the faculty,
Prof. Dr. Bernhard Jung (phone +49-3731-39-3837; E-Mail: jung@tu-freiberg.de).

Please note that your application documents will not be returned. Please submit copies of your certificates only. Travel and other costs for interviews will not be reimbursed.