

Job announcement

Tenure Track Professorship

for the field of Data Science in Geotechnical and Underground Engineering pursuant to § 99 para. 5 of Universities Act
for woman

at the Institute of Rock Mechanics and Tunnelling
40 hours per week

We have immediate opening for this fully funded position (40 hours a week) available at the Institute of Rock Mechanics and Tunnelling at Graz University of Technology. Upon agreement on a qualification agreement, the candidate will be appointed as assistant professor.

The topics of digitalisation and building information modelling have been chosen as research focal points for underground space technology and rock mechanics.

Required academic qualifications:

PhD or equivalent in the field of Civil Engineering or Computer Science with a special focus on

- Data Science / Artificial Intelligence with knowledge/experience in Geotechnics / Tunnel Construction
- or
- Geotechnics / Tunnelling with in-depth knowledge of Data Science / Artificial Intelligence

The successful candidate should also possess the following qualifications:

In-depth knowledge of scientific working
Independent data analysis and generation/implementation of algorithms
Experience in project management incl. preparation of research proposals
Experience in the handling of research projects
Interdisciplinary work capability
Leadership
Experience in teaching and publicity activities
Ability to work in a team and problem-solving competence
Excellent programming skills
Excellent knowledge of English and German

The position will be paid according to category B1 of the collective agreement for employees of Austrian universities, stipulating a gross salary of € 4111,70 (14 x per year).

Graz University of Technology actively promotes diversity and equal opportunities. People with disabilities and who have the relevant qualifications are expressly invited to apply.

Applications with relevant documents (CV, list of publications and lectures, 2 most important publications, teaching evaluation (if available)) should be submitted, preferably by email, to dekanat.bau@tugraz.at and should quote the position identification number (2220/19/037).

Deadline for application: **28.10.2019**

A summary is also available under:
<https://euraxess.ec.europa.eu/jobs/450956>