

University Assistant / PhD Position (m/f/x) in the field of engineering geodesy

Publication Date: 08.01.2025

Application deadline: 29.01.2025

Job Category: Scientific staff

Job Profile: University Assistant PreDoc

Employment Start: March 2025

Contract Duration: 48 mths.

Hours per week: 40 h/w

Employment Type: Temporary



Responsibilities

- Research in geodetic und fiber optic sensing for structural health monitoring
 - Supervision of students in the bachelor and master programs geodesy and civil engineering
 - Preparation of lecture notes and power point presentations
 - System investigations of geodetic and fiber optic sensors
 - Publication of research results in scientific journals and at conferences
 - Writing of project proposals and collaboration in third party projects
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Profile

Admission Requirements

- Master Degree in Geodesy or Surveying

Desired Qualification

- Experience in the collection, analysis and interpretation of static and dynamic deformation data of buildings, civil infrastructure (bridges, water dams, retaining walls etc.), natural objects (rock faces, landslides, etc.) and mechanical structures (pipelines, machinery parts)
- Programming skills, especially in Matlab or Python
- Practical experiences with geodetic or fiber optic measurement systems
- Ability to work in a team
- Interest in expanding knowledge in the areas of high dynamic GNSS, imaged based Monitoring, terrestrial laser scanning and structural health monitoring of buildings and landslides
- Interest in industrial projects, research work and dissertation intention
- The position involves teaching tasks in civil engineering and geodesy

We Offer

- Interesting area of responsibility
- Flexible working schedule (e.g. possibility for home office (40 %), paid lunch break)
- Seal of quality for in-house advancement of women
- Subsidy for public transport
- Shopping Discounts
- Top research infrastructure and access to the latest technologies
- Safe and stable working environment
- Collegial and friendly working atmosphere
- International training and teaching opportunities
- Award for being the most family-friendly company in Styria 2018
- University's sports program
- Workplace Health Management
- Exciting opportunities for professional and personal development
- Company pension funds

We offer an annual gross salary of at least € 52,007.20 for a fulltime position. An overpayment based on qualification and experience is possible.

Graz University of Technology aims to increase the proportion of women, in particular in management and academic staff, and therefore qualified female applicants are explicitly encouraged to apply. Preference will be given to women if applicants are equally qualified.

Graz University of Technology actively promotes diversity and equal opportunities. Applicants are not to be discriminated against in personnel selection procedures on the grounds of gender, ethnicity, religion or ideology, age, sexual orientation (Anti-discrimination).

People with disabilities and who have the relevant qualifications are expressly invited to apply.

About us

Graz University of Technology is the longest-established university of technology in Austria. Here, successful teams of students, talented up-and-coming scientists, ambitious researchers and a lively start-up scene enjoy an inspirational environment as well as access to top-quality equipment. And all this in one of the most innovative and livable regions in Europe. TU Graz offers an inspiring working environment with outstanding infrastructure and service-oriented university management.

Contact

Graz University of Technology
Dean of the Faculty of Mathematics, Physics and Geodesy
Univ.-Prof. Dr.rer.nat. Jussi Behrndt
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[Institute Website](#)

Become part of the team of Graz University of Technology - we are looking forward to your application!

[APPLY NOW](#)

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