

The Full Professorship for Engineering Geodesy is looking for a full-time or part-time

Research Assistant (m/w/x)

to begin on April 1, 2021

The Professorship for Engineering Geodesy of the TU Munich (Full Professorship, Dr.-Ing. Christoph Holst) is part of the Department of Aerospace and Geodesy. The Professorship is the successor of the Chair of Geodesy starting on 01.04.2021. The research focus is led on the monitoring of natural and man-made structures as well as the development of methodologies for the application and quality assurance of modern geodetic sensors as terrestrial laser scanners, image assisted total stations, laser trackers or mobile mapping systems. The Professorship is equipped with several geodetic test laboratories.

Your tasks

Your tasks include carrying out research projects within one of the following research areas:

- High-precision terrestrial laser scanning
- Point cloud-based deformation analyses
- Three-dimensional vibration analyses of structures, as buildings
- Deterministic and stochastic approximation of surfaces

Further, you will participate in teaching activities of the Professorship within the (German-speaking) Bachelor and/or (English-speaking) Master study program Geodesy and Geoinformation or related ones.

Your qualifications

You have a Master of Science (M.Sc.) degree in Geodesy, Geoinformatics, Geomatics, Remote Sensing, Photogrammetry or similar and a background in one of the above-mentioned research areas. Further, you are interested in independently exploring scientific questions and in working in an interdisciplinary and international team. You have excellent oral and written communication skills in English and/or German.

We offer

We offer a full-time position as Research Assistant with the option of doing a doctorate. The position is initially limited to three years. The employment takes place with the appropriate remuneration according to the collective agreement for the civil service of the countries (TV-L 13). We offer a modern workplace at the Ludwig Bölkow Campus in Taufkirchen/Ottobrunn and at the main site in Munich, flexible working hours and a pleasant, modern and collegial working atmosphere.

TUM aims to increase the proportion of women. Qualified women are therefore urged to apply. Preference will be given to disabled candidates with essentially the same qualifications.

Your application

We look forward to receiving your complete documents (cover letter, CV, references) by email in a PDF file (max. 8 MB) no later than **January 31, 2021** to bewerbung@lrg.tum.de.

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If you apply in writing, please submit only copies of official documents, as we cannot return your documents after the application process has been completed.

Contact: bewerbung@lrg.tum.de

Data Protection Information:

When you apply for a position with the Technical University of Munich (TUM), you are submitting personal information. With regard to personal information, please take note of the Datenschutzhinweise gemäß Art. 13 Datenschutz-Grundverordnung (DSGVO) zur Erhebung und Verarbeitung von personenbezogenen Daten im Rahmen Ihrer Bewerbung. (data protection information on collecting and processing personal data contained in your application in accordance with Art. 13 of the General Data Protection Regulation (GDPR)). By submitting your application, you confirm that you have acknowledged the above data protection information of TUM.