

The chair of **Geosensors and Engineering Geodesy** at the Institute of Geodesy and Photogrammetry (www.igg.ethz.ch) of ETH Zürich deals with geodetic metrology, geomonitoring, geodetic data processing and calibration in research and teaching. The research focus is on aerial monitoring using terrestrial laser scanning and terrestrial radar interferometry. For a research project in collaboration with a well-established industry partner we invite applications for a

PhD or Postdoc position in TLS Calibration (100%)

Your **research focus** will be on the development of algorithms for the calibration of terrestrial laser scanners. You will work methodically, carry out numerical simulations and perform experimental investigations. The position is limited to 4 years. Should you not yet have a PhD, you will have the opportunity to write a doctoral thesis within this research area.

In addition to this project, you will be involved to a minor degree in teaching or student supervision and in other projects carried out at the chair. This will provide the opportunity for you to get in touch with various cooperation partners inside and outside ETH Zürich including companies, agencies and research institutions. You will work in the **stimulating environment** of a world class university and find plenty of opportunities to further developing personally and professionally within the chair and through the broad in-house training programs offered by ETH to its employees.

We are looking for candidates with a very good university degree (MSc or PhD) in the area of **Geodesy, Geomatics, Photogrammetry, Physics or Mathematics** who have a solid background and working knowledge in parameter estimation and statistics and are familiar with programming in Matlab or Python. Ideally, you have practical experience with terrestrial laser scanning. You enjoy both working in a team and working on your own, you are reliable and interested in both fundamental and applied research. Strong skills in spoken and written English are mandatory, German skills (at level B2 or better) would be a further asset.

We are looking forward to your application. Please submit it only through the job portal of ETH Zürich and direct it to Mrs. Corina Niescher, Human Resources, 8092 Zürich.

For further information you may contact Prof. Dr. Andreas Wieser, Telefon +41 44 633 05 55, andreas.wieser@geod.baug.ethz.ch.