

ETH Zurich is one of the world's leading universities specializing in science and technology. It is renowned for its excellent education, its cutting-edge fundamental research and its efforts to put new knowledge and innovations directly into practice. You will be part of the **Chair of Mathematical and Physical Geodesy**, which is active in researching the Global Navigation Satellite Systems (GNSS) and their integration with other observation techniques and models in a trans-disciplinary context.

## PhD Position in GNSS Analysis

**We are seeking** a highly motivated PhD student to work in GNSS data analysis and, more precisely, in the domain of multi-GNSS, multi-frequency antenna phase center calibration for both receiver and satellite antennas. The research field of the PhD student is focusing on all relevant aspects of (1) receiver antenna calibrations with an industry robot on the one hand, and (2) the calibration of satellite antennas with global GNSS data analyses on the other hand, a topic of high importance and visibility in the GNSS community in view of the challenging multi-GNSS, multi-frequency and multi-signal demands.

**Applicants must hold** a master degree in geodesy, electrical or mechanic engineering, physics or a related field. The successful candidate will have strong analytical skills as well as knowledge in GNSS high precision applications, data processing and programming. Some additional background in terrestrial surveying or robot commanding would be ideal for this PhD position. Knowledge of the English language is mandatory, knowledge of German is a plus. Good interpersonal skills and willingness to work in a team of researchers and students are expected.

**The position** is open now, with an initial appointment for 3 years, extendable up to 6 years. Selection will start immediately and continue until the position is filled.

**We look forward** to receiving your online application including the following documents: CV, motivation letter, Master of Science diploma, grade transcripts, relevant publications and contact details of referees via the following link: <https://emea2.softfactors.com/job-opening/rgum-INcQ0zhYKLgLHfYLk##/?lang=en>. Please note that we exclusively accept applications submitted through our online application portal. Applications via email or postal services will not be considered.

**For further information**, please visit our website [www.mpg.igp.ethz.ch](http://www.mpg.igp.ethz.ch). Questions regarding the position should be directed by email to Prof. Markus Rothacher at [markus.rothacher@ethz.ch](mailto:markus.rothacher@ethz.ch) (no applications) or [jrene.mueller@geod.baug.ethz.ch](mailto:jrene.mueller@geod.baug.ethz.ch) (no applications).

