The Institute of Geodesy (GIS) at the University of Stuttgart invites applications for the position of

**Research Assistant / PhD student (100%)**
in Satellite Geodesy

**The project**
Within the DFG Research Unit *Understanding the global freshwater system by combining geodetic and remote sensing information with modelling using a calibration/data assimilation approach (GlobalCDA)* the Institute of Geodesy carries out the project *Estimation of river discharge and surface water storage from spaceborne data: full catchment coverage with optimal space and time resolution*. It deals with the optimal spatio-temporal combination of various satellite geodetic observables: water height variations over rivers and lakes from satellite altimetry, water surface area from remote sensing and water storage changes from satellite gravimetry.

**Your profile**
- MSc or equivalent degree in geodesy, mathematics, hydrology, physics or related fields
- Advanced computer literacy, programming skills (Matlab, Python, …)
- Fluency in English, working knowledge of German
- Affinity for research in an interdisciplinary and international team

**We offer**
The position is initially to be filled for a term of 3 years. It is funded by the German Research Foundation (DFG). The preferred starting date is 1st April 2018. Salary will be paid in accordance with the German TV-L, salary group E13 (100%). The successful candidate will be employed at the University of Stuttgart, Institute of Geodesy.

The University of Stuttgart aims to increase the number of female employees. Qualified women are therefore especially encouraged to apply. Handicapped applicants will be preferred if applicability and qualification are equivalent.

For further information, please contact Prof. Nico Sneeuw. Applications with the usual documents (letter of motivation, CV, copies of certificates, publication list, contact information of referees) should be sent by e-mail to sneeuw@gis.uni-stuttgart.de until 28th February 2018. You will find further information about the Institute of Geodesy under www.gis.uni-stuttgart.de.