

The Faculty of Geo-Information Science and Earth Observation (ITC) has recently launched an investment programme to strengthen its international academic fields. For 11 pioneering-multidisciplinary projects a PhD-position is made available, three of them already are filled in. Are you our candidate for one of the still available positions?

The Department of Earth Observation Science (EOS) is a multi-disciplinary scientific team, specializing in spatial information extraction and data quality analysis. It covers mathematics, statistics, and information science for Earth observation.

The Department EOS is looking for a

**PhD Candidate (Promovendus), fulltime
Indoor mobile laser scanning**

Main tasks

Indoor positioning and mapping is one of the major emerging trends identified by the UN Committee of Experts on Global Geospatial Information Management. At ITC we are developing a low-cost, but accurate, indoor mobile laser scanning system based on multiple 2D laser scanners, an inertial measurement unit, and simultaneous localisation and mapping (SLAM) ([article](#)). The research for this PhD position will focus on the analysis and further development of the SLAM component to support the rapid acquisition of point clouds of large buildings. The research should result in a PhD thesis.

Your profile

We seek a MSc-level graduate in geo-information science, robotics or computer science. Candidates with other relevant backgrounds will also be considered. You should be fluent in English, preferably experienced in (technical) writing and possess good communication skills.

Our offer

We offer you an inspiring and challenging international and academic environment. You will be employed for a period of 4 years. Salary and conditions will be in accordance with the Collective Labour Agreement (CAO-NU) of the Dutch Universities. Gross monthly salary ranges from € 2,174.- in the first year to € 2,779.- in the last year, exclusive of allowances, in accordance with the job profile Promovendus, under the University System for Job Classification (UJC). Costs for moving to Enschede may be reimbursed.

Information and application

For more information you can contact Prof. dr. George Vosselman (e-mail: george.vosselman@utwente.nl). You are also invited to visit [our homepage](#).

Please submit your application (detailed Curriculum Vitae and a letter elaborating the motivation for the application) before 26 February 2016. Please locate this vacancy on <http://www.utwente.nl/vacatures/en/> and select 'apply here' to fill out the application form.

Job interviews will be scheduled in week 12 (21 – 25 March 2016).