# ETH *zürich*

The GeoGazeLab at the **Institute of Cartography and Geoinformation** is offering a

## PhD position on Gaze-Based Interaction with Maps

**The PhD project** on "Intention-Aware Gaze-Based Assistance on Maps" (IGAMaps), funded by the Swiss National Science Foundation, targets gaze-based interaction with maps based on the recognition of map users' activities and intentions.

**The ideal candidate** must have a Master or Diploma degree in Computer Science / Geomatics / Geoinformatics or related fields, as well as a strong research interest in human-computer interaction. Knowledge of methods in machine learning, probabilistic and semantic modeling, inferential statistics, as well as strong programming skills (e.g., Java or C++) are required. Background or experience in eye tracking, cartography, geographic information science, or related topics is a significant plus. The candidate must have excellent communication skills in English (oral and writing), be team-oriented and willing to work in an international environment.

**For further information** about the position, please contact Dr. Peter Kiefer, E-Mail: pekiefer@ethz.ch (no applications). The PhD project will be associated with the GeoGazeLab (http://www.geogaze.org/) and supervised by Prof. Dr. Martin Raubal (Chair of Geoinformation Engineering).

**Applications with** cover letter, cv, 2-3 references, diplomas and work certificates should be sent online with attention to: ETH Zurich, Mrs. Corina Niescher, Human Resources, CH-8093 Zurich. Review of applications will begin on 4 January 2016, and continue until the position is filled. The start date for the position is on or before April 1, 2016.

**Apply online at** http://bit.ly/1LuuyCM or
https://apply.refline.ch/845721/4198/pub/1/index.html