Prof. Dr. Sara Irina Fabrikant
Phone +41 44 635 51 50
Fax +41 44 635 68 48
sara@geo.uzh.ch

Two doctoral research assistant positions: Responsive Geographic Information Displays with the ERC Advanced Project GeoViSense (PI Sara Irina Fabrikant)

The Geographic Information Visualization and Analysis (GIVA) group at the University of Zurich invites applications for two doctoral research positions for the **ERC Advanced Project GeoViSense**, led by the GIVA group head and PI Sara Irina Fabrikant. This project, at the interface of GIScience (geovisual analytics) and neuro-cognitive science, aims to study how we make spatiotemporal decisions with geographic information displays (GIDs) in varying mobile decision-making contexts and how to develop display design guidelines for user, task, and context-responsive GIDs.

We seek two highly self-motivated researchers who will work efficiently and effectively on a research project involving virtual reality (VR) and mobile location-aware interfaces. The two PhD positions will have different methodological foci (i.e., VR or mobile applications in the real world) but will work closely together with an interdisciplinary team.

A completed MSc in Geography and/or a closely related discipline (e.g., Psychology, Cognitive|Neuro Science, Computer|Data Science) is required. Ideally, the primary domains of contribution within GIScience include geographic information visualization/geovisual analytics, spatial cognition, quantitative (empirical) research methods, and related areas. A background in empirical data collection (indoors|outdoors), quantitative data analyses, and programming for VR and/or mobile applications would be an asset. You will have a good standard of written and spoken English. Knowledge of German, whilst not required, would be an advantage. Applications from women and under-represented groups are especially encouraged. The successful candidate will be hired on a 1-year contract (starting September 1st, 2018, or soon thereafter), which will be extended to the nominal 4-year PhD period after positive evaluation.

For informal thematic inquiries about these positions, please contact one or more of the following investigators with either [GeoViSense VR] or [GeoViSense Mobile] in the subject line:

Prof. Sara Irina Fabrikant	Dr. Tyler Thrash	Dr. Sara Maggi
PI of GeoViSense	VR Postdoc	Mobile Postdoc
sara.fabrikant@geo.uzh.ch	tyler.thrash@geo.uzh.ch	sara.maggi@geo.uzh.ch
+41 44 635 5150	+41 44 635 5255	+41 44 635 5255

More information regarding the team and project can also be found on the following websites:

GeoViSense as part of the Digital Society Initiative:
https://www.dsi.uzh.ch/en/projects/geovisense.html

Geographic Information Visualization and Analysis at the University of Zurich:
https://www.geo.uzh.ch/en/units/giva.html

Applications must include a motivation letter, a CV, transcripts, and the contact information of two referees. Review of applications will begin in May 2018 and will continue until the position is filled. Please send the full digital application in one PDF file to simona.cerrato@dsi.uzh.ch