

Hannover, 10.12.2020

The LEIBNIZ INSTITUTE FOR APPLIED GEOPHYSICS (LIAG) seeks a

Research Associate (PhD student)

for a fixed term of 3 years with 75% of the working time.

Job advertisement G 12/20, keyword: "BBTLab"

Tasks:

- Construction of structural 2D and 3D models along a cross-section through the Alps, based on geological information that was collected during the building of the Brenner basis tunnel (BBT)
- Linking microstructural information that was calculated by our project partners into the structural models
- Retro-deformation of the constructed models to quantify the deformation in the Alps and deduce the tectonic processes in the study area
- Field data collection (high alpine region)
- Presentation of results at project meetings as well as national and international conferences
- Writing of publications for scientific journals in English

Required profile:

- MSc or equivalent in geosciences, geophysics or comparable subjects.
- Knowledge of tectonics and structural geology
- Basic knowledge of the geology of the Alps
- Knowledge of the software packages: 2D/3Dmove, GoCAD or Petrel
- Ability to work in an interdisciplinary team
- Independent and structured way of working, resilience
- Good written and spoken English ability (level C1)
- The ability to carry out fieldwork in high Alpine areas.

Ideally, you also meet the following requirements:

- Willingness to do a doctorate at the University of Hannover

We offer:

The Leibniz Institute for Applied Geophysics enjoys an excellent reputation, both nationally and internationally. The institute is characterized by excellent infrastructural integration in the GEOZENTRUM Hannover, state-of-the-art and high-performance equipment (IT, laboratory, field), strong networking and a friendly, professional and friendly working-environment. The LIAG promotes advanced training of its staff.

The place of employment is Hannover. The salary for the position will be according to pay group E13 of the collective agreement for the federal public service (TV-L), taking into account § 40 No. 5 TV-L for the stage assignment.

Applications from people of all nationalities, regardless of their origin, gender, religion or world-view, disability, age or sexual identity, are welcome. The LIAG also pursues the goal of equal professional rights for women and men. We therefore particularly welcome applications from women. As part of flexible working hours, we offer you a responsible and varied job that is also suitable for part-time employees and as the chance to return to work after parental leave.

The LIAG endeavors to increase the proportion of severely-disabled people, which is why they will be given preference if they are equally qualified.

Please send your electronic application (a PDF with max. 10 MB) with informative documents, without a photo, by 17th January, 2021, specifying the job advertisement number G 12/20 and the keyword "BBT Lab" via career@leibniz-liag.de to the director of the LIAG.

You can find more information about our facility on the Internet at www.leibniz-liag.de. For more information, please contact Dr. Tanner, under the email DavidColin.Tanner@leibniz-liag.de.