

Research Geophysicist (m/f/d)

Position

The Professorship of Geothermal Technologies (GTT) at Technical University of Munich (<https://www.cee.ed.tum.de/gtt/>) invites applications for a *Research Geophysicist* position to work on and lead integration and interpretation of vintage 2D- and 3D-seismic reflection data from the North Alpine Foreland Basin. The position is part of the research project GeoChaNce (funded by Bavarian Environmental Agency and in collaboration with the Chair of Hydrogeology at TUM). Place of work is Munich (10 min walk from main train station).

The position is available from January 1st 2024 and is initially limited until December 31st 2027 (48 months).

Your Responsibilities

- Lead regional structural and stratigraphic interpretation and integration (loading seismic and well data, well ties, velocity modelling and depth conversion) of vintage 2D and 3D seismic reflection and well data
- Support and supervise other GTT team members, project partners and students working with seismic reflection data
- Organize workshops for knowledge transfer between academia, local authorities and the deep geothermal industry in Bavaria
- Lead publication of the project results in scientific journals and in project reports

Your Profile

- PhD (or M.Sc. with 3+ years professional experience) in Geophysics with a focus on interpretation of seismic reflection data, ideally in structurally complex geological environments
- Understanding of seismic acquisition and processing principles and their pitfalls
- Familiarity with depth conversion, reprocessing techniques, seismic attributes and velocity-based rock physics
- Good written communication skills and report/scientific publication writing ability

Our Offer

- Being part of an energetic and interdisciplinary team of scientists
- Working on a vintage but unique and virgin dataset in an exciting geological environment
- High degree of freedom to develop and grow your own research profile in the field of geophysics and seismic interpretation (a contribution to teaching is not required, but possible)
- Working in the field of geothermal energy with high exposure to players from academia, authorities and industry
- Opportunity for further training and participation in national and international scientific conferences
- Full-time position with payment being based on the Collective Agreement for the Civil Service of the Länder (TV-L E13)
- 30 days of vacation per year and a flexible work schedule with home office options

Your Application

If you are interested in working in our team, please email your questions and/or application (CV and supporting documentation) to Prof. Michael Drews (gtt@ed.tum.de) no later than **October 15th 2023**.

TUM strives to raise the proportion of women in its work-force and explicitly encourages applications from qualified women. Applications from disabled persons with essentially the same qualifications will be given preference.

Data Protection Information

As part of your application, you provide personal data to the Technical University of Munich (TUM). Please view our privacy policy on collecting and processing personal data in the course of the application process pursuant to Art. 13 of the General Data Protection Regulation of the European Union (GDPR) at <https://portal.mytum.de/kompass/datenschutz/Bewerbung/>. By submitting your application, you confirm to have read and understood the data protection information provided by TUM.