Drilling Engineer (f_m_x)

The Helmholtz Centre Potsdam – GFZ German Research Centre for Geosciences is the national centre for geosphere research. As a member of the Helmholtz Association of German Research Centres (https://www.helmholtz.de/en/) we are part of the largest scientific organization in Germany. With approximately 1,300 (https://www.gfz-potsdam.de/en/about-us/organisation/facts-and-figures/) employees our key mission is to secure a profound understanding of the systems and processes of solid Earth, to develop strategies and options for action in addressing global change and its impacts on a regional level, to understand natural hazards and to minimize associated risks, to ensure the sustainable provision of energy and raw materials for a high-tech society and to evaluate the influence of human activity on system Earth.

As a partner in Geo.X (https://www.geo-x.net/), the GFZ has access to an excellent network of other geoscience institutions in Potsdam and Berlin. This largest regional concentration of geoscientific competence in Europe offers first-class cooperation and development opportunities.

For section 4.2 “Geomechanics and Scientific Drilling” and 4.8 “Geoenergy” at Department 4 “Geosystems”, we are looking for a:

**Drilling Engineer (f_m_x)**

**Reference Number 5944**

**Your responsibilities:**

The successful candidate will be involved in GFZ activities in the following fields of work:

- Support in planning, tendering and execution of national and international scientific drilling projects
- HSE and budget control for drilling projects
- Risk analysis for non-conventional operations Well Integrity Analysis
- Well Integrity Analysis
- Preparation and presentation of results in project meetings and in scientific journals

**Your qualifications:**

- Master’s degree or an equivalent degree in mechanical or petroleum engineering
- PhD is welcome but no prerequisite; a successful candidate may qualify to study for a PhD
- Experience in drilling planning and wellsite supervision, DWOP, field safety supervision
- Experience in tender processes, contract negotiations and job awarding
- Background in Risk Management procedures
- Interest in interacting with mining authorities and dealing with legal issues
- Field experience in drilling operations, well completions, monitoring design/installation and downhole logging
- Ability for and willingness to work in a multidisciplinary team and to communicate with external partners
- Good communication skills in English, willingness to learn German
- Driving licence
• Readiness for business travels

**Start date:** As soon as possible  
**Fixed-term:** 2 years (with possibility of extension)  
**Salary:** The position is classed as salary group 13 according to “TVöD Bund (Tarifgebiet Ost)”. The salary group is determined on the basis of the Collective Wage Agreement and the respective personal qualifications.  
**Working hours:** Full-time (currently 39 h/week); The position is generally suitable for part-time work.  
**Place of work:** Potsdam

**What we offer:**
• Ambitious and varied tasks in a dynamic and international research environment  
• State-of-the-art equipment  
• Public service benefits  
• Extensive training opportunities  
• Professional career advice offered by our in-house Career-Centre  
• Flexible working hours and conditions  
• Support with finding a good work-life balance offered by benefit@work  
• Institute day-care centre on site  
• Working at the Albert Einstein science park on the Telegrafenberg in Potsdam  
• Work place within walking distance of Potsdam main train station, or just a short ride on the shuttle bus

**Have we piqued your interest?**

If so, we look forward to receiving your application by **13th March 2022**. Please use our online application form only.

Diversity and equal opportunities are integral components of our human resources policy. The GFZ actively promotes diversity and explicitly welcomes applications from all qualified individuals, regardless of ethnic and social origin, nationality, gender, sexual orientation and identity, religion/belief, age and physical characteristics. Anyone who has been recognized as severely disabled, will be given preferential consideration in the event of equal suitability and qualification in accordance with the provisions of the German Social Code IX. If you have any questions, please contact our representative for the severely disabled at sbv@gfz-potsdam.de (mailto:sbv@gfz-potsdam.de), who will be happy to assist you in the further application process. In case of further queries regarding gender equality, please do not hesitate to contact our Equal Opportunities Officer at gba@gfz-potsdam.de (mailto:gba@gfz-potsdam.de).

Your personal data will be processed for the purpose of conducting the selection procedure on the basis of Art. 6 para. 1 b, Art. 88 GDPR in conjunction with Art. 26 of the Data Protection Act for the State of Brandenburg. After completion of the procedure, application documents will be deleted in compliance with data protection regulations.

In case of any further queries relating to the field of activity, please contact Dr. Ulrich Harms either via email at ulrich.harms@gfz-potsdam.de (mailto:ulrich.harms@gfz-potsdam.de) or phone +49 (0)331-288 1085. If you have any general questions about the application process, please contact Ms Buge under +49 (0)331-288-28787.