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**160. Job Advertisement – extension of the application deadline – The Chair of Applied Geophysics in the Department of Applied Geosciences and Geophysics has a position for a full-time Project Researcher (m/f/d) – Reference number: 2603WPF**

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As a modern university with a strong focus on research and teaching, the Montanuniversität Leoben (Technical University of Leoben) offers outstanding opportunities for career advancement in both scientific and non-scientific domains.

The Chair of Applied Geophysics in the Department of Applied Geosciences and Geophysics has a position for a full-time Project Researcher (m/f/d).

**Salary Group B1** according to the UNI-KV, monthly minimum salary excl. Szlg.: € 5.014,30 for 40 hours per week (14x per year).

The position is part of the recently funded European CETP project - De-risking Geothermal Heat Extraction from Tight Hot Sedimentary Aquifers - lead by Heriot-Watt University. A PhD degree in geosciences, geology, geophysics or a similar discipline is required at the time of the appointment.

Date of expected start of employment: **01.05.2026**

Term of employment: **one year**

Hours of employment per week: **40h**

#### **Responsibilities:**

This position involves the interpretation of reflection seismic data, including the identification of geological formations through well-ties and outcrop information, as well as ensuring the quality of existing interpretations for case study sites of tight sedimentary aquifers in Europe. Another focus will be the identification of potential fracture zones through seismic attribute analyses. The resulting geological models will form the basis for the assessment of the geothermal potential by other partners in this project. The position includes a one-month visit to Heriot-Watt University to coordinate the development of the geological models.

The position offers an excellent opportunity to work in an interdisciplinary international project of high impact with plenty of opportunities to network as well as to start a successful academic career.

#### **Employment requirements:**

The successful applicant will have experience in seismic data interpretation and seismic attribute analysis in sedimentary environments with a strong geological background and confident use of seismic software. Experience in the interpretation of seismic data in tight and fractured formations as

well as experience in Petrel and programming skills are desirable. The applicant must be fluent in spoken and written English.

**We offer numerous benefits, including:**

- Convenient public transport connections (train and bus access)
- Family-friendly work environment and good work-life balance
- Access to occupational health services
- Health promotion initiatives and annual health day
- Comprehensive university sports and fitness programs
- Employee discounts at selected shops and services
- Language courses and support for international staff

**For your application, please include:**

- CV including publication list
- Copies of diplomas and university transcripts
- Letter of motivation

**Reference ID: 2603WPF**

**End of Application: 30.04.2026**

For further questions, please contact the secretary (geophysik@unileoben.ac.at), assoz. Prof. Eva Caspari (eva.caspari@unileoben.ac.at), or Prof. Florian Bleibinhaus (florian.bleibinhaus@unileoben.ac.at).

The Montanuniversität Leoben (Technical University of Leoben) intends to increase the number of women on its faculty and therefore specifically invites applications by women. Among equally qualified applicants, women will receive preferential consideration.

For the application please use the online form on the homepage: <http://www.unileoben.ac.at/jobs>

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Date of expected start of employment: **01.05.2026**

Term of employment: **two years**

Hours of employment **per week: 40h**

**Responsibilities:**

This position involves applying and adapting probabilistic inversion approaches that integrate seismic data with well log and core data, as well as outcrop information, within a rock physics framework. The objective is to extract a maximum of petrophysical information for reservoir model building and to detect sweet spots for geothermal exploitation.

The position offers an excellent opportunity to work in an interdisciplinary international project of high impact with plenty of opportunities to network as well as to start a successful academic career.

**Employment requirements:**

The successful applicant will have expertise in seismic data inversion and the application of probabilistic approaches, complemented by a solid background in rock physics. Programming skills are required and experience with seismic data in tight and fractured formations are desirable. The applicant must be fluent in spoken and written English.

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The Rector:  
Univ.-Prof. Dipl.-Ing. Dr.mont. Dr.-Ing. E.h. Dr.h.c. Peter Moser

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