

350. Job Advertisement – One vacant position for a full-time Senior Scientists (m/f/d) at the Chair of Mining Engineering and Mineral Economics, in the Department of Mineral Resources Engineering– Reference Number: 2209WPF

One vacant position for a full-time Senior Scientists (m/f/d) at the Chair of Mining Engineering and Mineral Economics, in the Department of Mineral Resources Engineering is open to be filled at the earliest date, on a temporary employment contract lasting 4 years.

Salary Group B1 according to the Uni-KV, monthly minimum salary excl. Szlg.: € 4.061,50 for 40 hours per week (14 x per year), actual classification is according to previous relevant experience.

Over the next years and decades, the world will undergo significant transformations, i.e. concerning sustainability and the provision of energy. TOne vacant position for a full-time Senior Scientists (m/f/d) at the Chair of Mining Engineering and Mineral Economics, in the Department of Mineral Resources Engineeringhese will also have significant consequences for the mining industry. Whilst the demand for energy raw materials might decrease, it is forecasted that overall demand for minerals will increase. In order to meet this demand without further increasing its environmental footprint and worsening its social impacts, mining processes will have to change significantly – with digitalisation, electrification and automatization playing a key role in these changes.

In this context, the Chair of Mining Engineering and Mineral Economics at Montanuniversität Leoben is strengthening its geomatics and geoinformatics research group in order to strengthen its capacity in providing and analysing data as well as digitalisation.

The research emphasis of the geomatics and geoinformatics research group at the Chair of Mining Engineering and Mineral Economics is on mine safety and operational control, operational data acquisition, modern surveying systems, digitalisation, remote sensing and innovative ways of data acquisition and interpretation, engineering surveying in mining and tunnelling as well as mining subsidence engineering. Overall, the research has an applied character and it is conducted in close cooperation with industry and research partners throughout Europe (Horizon Europe, Horizon 2020).

We are looking for an experienced Post Doc, who within the next 2-3 years will take over the leadership of the research group, and expand the team through the successful acquisition of research projects and collaboration with industry, contributing to the sustainability transformation of the mining industry.

Requirements:

- Completed technical doctoral studies preferably in the fields of mine surveying, geodesy, geoinformatics or equivalent as defined in the call for applications
- Willingness and ability to carry out scientific work in teaching and research
- Very good knowledge of English

Tasks:

- Collaboration and subsequent leadership of an interdisciplinary research group in the field of sustainable mining technology with a focus on geomatics, remote sensing, geoinformatics and surveying
- Planning, coordination and collaboration on research proposals and projects, both in international and national research programmes and with industry
- Teaching courses in the mining related BSc and MSc programmes.

Desirable additional qualification:

- Experience in the field of mining and mineral resource extraction
- Experience in university teaching
- International experience
- Experience with project proposals

Reference number: 2209WPF**Application deadline: 15.11.2022**

The Montanuniversitaet Leoben intends to increase the number of women on its faculty and therefore specifically invites applications by women. Among equally qualified applicant women will receive preferential consideration.

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

Der Rektor:
Univ.-Prof. Dipl.-Ing. Dr.techn. Dr.h.c. Wilfried Eichlseder

Impressum und Offenlegung (gemäß MedienG):

Medieninhaber, Herausgeber und Hersteller: Montanuniversität Leoben, Franz Josef-Straße 18, A-8700 Leoben.
Vertretungsbefugtes Organ des Medieninhabers: Rektor Univ.-Prof. Dipl.-Ing. Dr. Dr.h.c. Wilfried Eichlseder. Verlags- und Herstellungsort: Leoben. Anschrift der Redaktion: Zentrale Dienste der Montanuniversität Leoben, Franz-Josef-Straße 18, A-8700 Leoben.
Unternehmensgegenstand: Erfüllung von Aufgaben gemäß § 3 Universitätsgesetz 2002, BGBl. I Nr. 120/2002 in der jeweils geltenden Fassung. Art und Höhe der Beteiligung: Eigentum 100%. Grundlegende Richtung: Information der Öffentlichkeit in Angelegenheiten der Forschung und Lehre sowie der Organisation und Verwaltung der Montanuniversität Leoben sowie Veröffentlichung von Informationen nach § 20 Abs. 6 Universitätsgesetz 2002.