

Leoben, Thursday, 05 May 2022

In the frame of the cooperation of the Department of Mining Engineering of University of Leoben with the European Underground hard rock mining industry, amongst others with LKAB/ Kiruna Mine in Sweden, we are looking for filling the following positions:

- Professor for Rock Mechanics with specialization on Safe Deep mining
- Two Post Doc positions in the field of rock mechanics for underground hard rock mining
- Three positions for PhD students in the field of rock mechanics and mine planning for underground hard rock mining

The research emphasis of the rock mechanics research group at the Chair of Mining Engineering & Mineral Economics of University of Leoben is on underground mining methods, the strength and behaviour of hard rock mass, strength and behaviour of hard rock pillars, digitalization of monitoring systems, ore flow and design criteria. 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).

Appointment/ recruitment requirements are:

For the position of a professor for rock mechanics

- PhD and international research record in the field of rock mechanics in underground mining
- Experience in teaching and supervision of master and PhD students
- Interest to guide post Docs and PhD students in the field of rock mechanics for underground mining in the frame of university-mining industry cooperation

For the two post doc positions in the field of rock mechanics for underground hard rock mining

- Master degree in the field of mining
- PhD in a topic in the field of underground mining
- Research record
- Interest to do research in the field of rock mechanics for underground mining in the frame of university-mining industry cooperation

For the three positions for PhD students in the field of rock mechanics and mine planning for underground hard rock mining

- Master degree in the field of mining
- Interest to prepare a PhD in the field of rock mechanics for underground mining in the frame of university-mining industry cooperation

Please send your applications with a short bio or a request for further information to

bergbau@unileoben.ac.at