

ANNOUNCEMENT MASTER THESIS

Lhoist in cooperation with the Chair of Mining Engineering and Mineral Economics is announcing a master thesis as part of a geotechnical / mining engineering degree.

State-of-the-art analysis of underground mine automation

Aim of the thesis

The objective of the thesis is to review and summarise the state-of-the-art in underground mine automation as well as to provide an outlook in the future development and potentials of underground mine automation.

Description

Lhoist is investigating to develop an underground mine in Flandersbach. The preferred extraction methods are variations of sublevel stoping. The underground extraction activities are planned to be automated as far as possible from a technical and economical perspective. For this reason, the candidate is expected to research and review the state-of-the-art in underground mining. Based on the review a summary of possibilities, potentials and weaknesses emphasising on technical and economical aspects has to be made. Furthermore, future trends and developments should be considered as well in the review.

Requirements

A student of a mining engineering degree with an interest in underground mining.

Timing

Flexible; soon start preferred.

Location

Any Lhoist office in Europe (preferably Flandersbach Germany)

Contact

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