

EIT Raw Materials

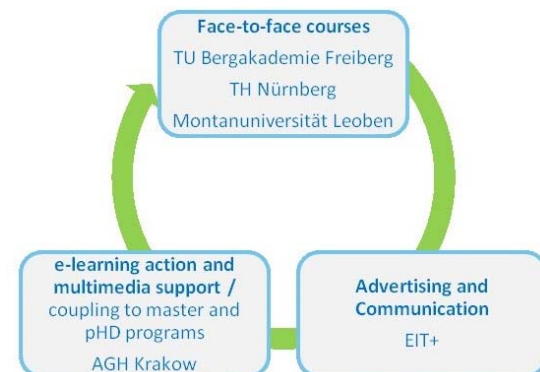
Lifelong learning

The project "CLC EAST Professional School" ECLC ProSchool provides a program for skilled workers of the raw materials sector with courses offered at TU Bergakademie Freiberg, TU Nürnberg and Montanuniversität Leoben.

The courses are tailored and continuously developed to meet and follow the needs and requirements of the industry in the CLC East region.

An interconnection to the local Master and PhD programs is foreseen.

The program also will help career changers to enter raw materials industry easier.



For further information, please check the following

<https://weiterbildung.tu-freiberg.de/TUF/search.xhtml>



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ECLC ProSchool

part of the RM Academy

Innovative Subsurface Mining Imaging Systems

25.-26.09.2018



Montanuniversität's RIC Leoben organises courses on the following topics:

- ◆ Innovative subsurface mining imaging systems,
- ◆ Innovative and/or automatic machines/equipments/systems
- ◆ Environmental and health issues in surface mining

Course Title

Innovative Subsurface Mining Imaging Systems

Description:

You will learn about existing solutions and possible fields of application, based on the technical work principles and theoretical background, to better understand how future underground surveying could look like.

Objectives:

Basic knowledge of technology selection: application, work principles, limits of use, advantages and disadvantages

Target audience:

- Engineers, technicians and scientific users in the field of underground mining with special regard on underground surveying, mapping and inspection
- Representatives of authorities, mining companies, universities and service providers



Agenda:

- ◆ Module 0: Applications and Requirements for Sub-surface Mining Imaging
- ◆ Module 1: underground positioning and navigation
- ◆ Module 2: underground mapping and inspection
- ◆ Module 3: Feature extraction (geological classification)
- ◆ Module 4: Data analytics and integration into prediction models

Lecturers:

- ◆ Dipl.-Ing. Norbert Benecke, DMT GmbH & Co. KG
- ◆ Prof. Dr.-Ing. Jörg Benndorf, Institute for Mining Surveying and Geodesy, TU Bergakademie Freiberg
- ◆ O.Univ.-Prof. Dipl.-Ing. Dr.techn. Paul O'Leary, Chair of Automation, Montanuniversitaet Leoben
- ◆ Dipl.-Ing. Alexander Tscharf, Chair of Mining Engineering and Mineral Economics, Montanuniversitaet Leoben

Course fee:

600 € EIT members

780 € non EIT members

Course materials and catering are included



Format:

The course will be held as a two-day workshop.

Location:

Montanuniversitaet Leoben

Seminar room S

Peter Tunner-Strasse 15, 3rd floor

8700 Leoben, Austria

Registration:

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