DIM ESEE-2
Innovation in extraction

18th – 20th October 2023

Dubrovnik, Croatia // hybrid mode (online participation enabled)

Supported by

RawMaterials ACADEMY

Co-funded by the European Union



➜ WHAT IS DIM ESEE-2?

DIM ESEE v.2: Implementing innovations is a lifelong learning project focused on rising innovativeness among raw materials professionals in the region of Eastern and Southeastern Europe (ESEE), and is based on positive results and success of previous DIM ESEE school (2016-2020).

The aim is to enhance entrepreneurial and innovative capacity of the region's higher education institutions' graduates and alumni by organizing the following topics:

- Innovation in extraction 18th - 20th October 2023
- Innovation in ore processing 16th - 18th October 2024

➜ DIM ESEE 2023: Innovation in extraction

The workshop will address several innovative extraction methods and review some of the latest future-oriented technologies. The latest achievements in the field of blasting will be presented, such as the use of computer modelling, the characterization of the rock mass for optimal fragmentation during blasting, and methods of reducing the unwanted effects of blasting.

(1) Blasting Extraction Methods: Advanced technologies in blast modelling using electronic detonators (Austin Powder) / How Low Can You Go? – Extra-Low-Profile Equipment for underground mineral extraction (DOK-ING)
(2) Mechanical Extraction Methods: Latest developments in hard rock cutting (the IlluMINEation project)/ Cutting for hard rock development, the MX650 experience
(3) Innovative & Sustainable Extraction Practices: Resilient Bio-inspired Modular Robotic Miners – the Robominer project/ The Digitalized Mining Process – IlluMINEation project/ Earth Observation for Extraction Planning/ Future smart mining
(4) Best cases: Improving mill throughput by blast optimization using advanced technologies / the EPIROC Mobile Miner/ Safety Concept for production blasting in populated areas (Leitendorf best-practice case)

➜ WHO CAN APPLY?

Raw materials professionals with good command of English language and basic knowledge related to annual school topic, working in one of the following fields: Geology, Geological engineering, Mineral Processing, Mining Engineering, Applied Earth Sciences and similar.

We particularly encourage applications of professionals from the following countries: Armenia, Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Georgia, Greece, Hungary, Italy, Kosovo, Latvia, Lithuania, Malta, Moldova, Montenegro, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Turkey, Ukraine.

Participation fee covering accommodation, meals and all workshop activities:

Early bird (until 01/07/2023):
400,00 € + VAT 25%

Until 01/09/2023:
450,00 € + VAT 25%

Late registration (after 01/09/2023):
500,00 € + VAT 25%

Fee for online participation
100,00 € + VAT

Apply here!

FIND OUT MORE
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Joint project of

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National Technical University of Athens
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