

DIM ESEE-2 2023: INNOVATIONS IN EXTRACTION

WEDNESDAY (18.10.2023.) – DAY 1

Drill & Blast Extraction

Morning session

7:30-8:30	Breakfast
9:00-10:00	Check-in and registration Welcome coffee
10:00-10:30	Opening ceremony
10:30-11:00	Peter Moser / MUL <i>Welcome Address</i>
11:00-12:00	Mark Ganster / AustinPowder <i>Advanced technologies in blast modelling using electronic detonators</i>
<i>Lunch break (12:00-13:15)</i>	
<i>Afternoon session</i>	
13:15-14:15	Mark Ganster / AustinPowder <i>Case study: Improving mill throughput by blast optimization using advanced technologies</i>
14:15-15:15	Luka Petro / Dok-Ing <i>How Low Can You Go? - Extra-Low-Profile Equipment for underground mineral extraction</i>
<i>Coffee break (16:00-16:15)</i>	
15.45-16.45	Robert Obenaus-Emler / MUL <i>Future smart mining with micro-organisms</i>
19:00	Welcome Dinner

THURSDAY (19.10.2023.) – DAY 2

Mechanical Extraction Methods

Morning session

7:30-8:30	Breakfast
9:00-10:00	Nikolaus Sifferlinger / MUL <i>Latest developments in hard rock cutting</i>
10:00-11:00	Marcus Lundbergh / Epiroc <i>Mobile Miner, accelerating the transformation to more sustainable mining</i>
11:00-12:00	Hubert Kargl / Sandvik <i>Disc Undercutting Technology – Concept and verification in lab and machine environment</i>
<i>Lunch break (12:00-13:30)</i>	
<i>Afternoon session</i>	
13:30-14:30	Hanno Bertignoll / MUL <i>How continuous is Continuous Mining?</i>
14:30-15:30	Nikolaus Sifferlinger / MUL <i>Resilient Bio-inspired Modular Robotic Miners - the Robominer project</i>
<i>Coffee break (15:30-16:00)</i>	

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16:00-	Philipp Hartlieb / MUL
17:00	<i>The Digitalized Mining Process - IlluMINEation project</i>
18:30	Sightseeing tour, dinner

FRIDAY (20.10.2023.) – DAY 3	
<i>Innovative & Sustainable Extraction Practices</i>	
<i>Morning session</i>	
8:30-	Breakfast
9:00	
9:00-	Rushaniia Gubaidullina / MUL
10:15	<i>Introduction to Earth Observation for the mining industry</i>
<i>Coffee break (10:15-10:45)</i>	
10:45-	Christian Heiss / MUL
11:45	<i>Safety Concept for production blasting in populated areas (Leitendorf best-practise case)</i>
11:45-	
12:15	<i>Closing Ceremony</i>
<i>Lunch (12:15-13:00)</i>	
DEPARTURE	

Please note that the timetable is subject to change and that we are expecting some minor changes in the programme. For updates, make sure to check our [website](#).

Following the guidelines of the EIT RawMaterials programme, all participants will have to undergo a short competency assessment process after the course. Participants who successfully pass the assessment will receive the certificate on course completion.