

IMMAT

3-5

SEPTEMBER 2025

10TH INTERNATIONAL CONGRESS OF MINING MACHINERY AND TECHNOLOGIES



MINEX

11TH INTERNATIONAL MINING,
NATURAL RESOURCES AND
TECHNOLOGY EXPO

3-6 SEPTEMBER 2025

 **fuarizmir**
Gaziemir

HOSTING ORGANIZER SUPPORTERS

İZMİR METROPOLITAN MUNICIPALITY IZFAS REPUBLIC OF TURKEY MINISTRY OF TRADE TURKISH EXPORTERS ASSOCIATION EİB UFI

Approved International Event

THIS FAIR HAS BEEN ARRANGED ACCORDING TO THE LAW OF 5174 BY TOMB (THE UNION OF CHAMBERS AND COMMODITY EXCHANGES OF TURKEY)

IMMAT 2025 CONGRESS PROGRAM

WEDNESDAY, September 3, 2025

	10.30 – 12.00	Delegate Registration – Hall B Foyer
	11:00 – 12:00	Opening Ceremony – Hall B Foyer
	12:00 – 13:00	Lunch
SESSION 1 Hall B Foyer	13:00 – 14:30	OPENING SESSION Speakers: Meliha Okur – Turgay Bozoğlu – Ali Emiroğlu
	14:30-14:50	Break
2nd SESSION Hall B Seminar Hall	Moderator: Dr. Çağatay Pamukçu – Aykut AKDEMİR	
	14:50 – 15:20	Dr. Joung Oh <i>“Underground Mining Machinery: Evolution, Technologies, and the Road Ahead.”</i>
	15:20 – 15:50	Dr. Saffet Yağız <i>“Machine Selection Criteria for Excavation and Construction in Variety of Rock Mass Conditions”</i>
	15:50 – 16:20	Dr. Güzin Gülsev Uyar Aksoy <i>“From Academia to the Field: Curriculum Innovations and Practical Applications in Digital Mining for Global Competitives”</i>

Thursday, September 4, 2025

	Moderator: Dr. Sezai Şen – Dr. Özge Gök	
3rd SESSION Hall B Seminar Hall	10:30 – 10:50	Dr. Fırat Burat <i>“Ore Preparation and Beneficiation Technologies in E-Waste Recycling: Application Areas and Methods”</i>
	10:50 – 11:10	Dr. Naci Emre Altun <i>“Pre-Beneficiation Applications for Metallic Ores: Field-Transferable Methodological Approaches and Their Effects on Metallurgical Outputs”</i>
	11:10 – 11:30	Dr. Vedat Arslan <i>“Problems Observed in General Approaches to Coal Preparation Plant Design”</i>
	11:30 – 11:50	Dr. Özcan Yıldırım Gülsoy <i>“Pneumatic Flotation Cells and A New Pneumatic Flotation Cell”</i>
	12:00 – 13:00	Lunch

Moderator: Dr. Turgay Onargan – Dr. Muharrem Kemal Özırat		
4th SESSION Hall B Seminar Hall	13:00 – 13:20	Dr. Raşıit Altındağ <i>“The Past, Present, and Future of Tunnel Boring Machines (TBMs)”</i>
	13:20 – 13:40	Dr. Mahmut Yavuz <i>“Equipment Selection By Means of Fuzzy Multi-Attribute Decision-Making Methods”</i>
	13:40 – 14:00	Dr. İsmail Sedat Büyüksağış <i>“Autonomous Marble Quarry Design, Implementation, and Investment Analysis in the Turkish Natural Stone Market (Quarry 4.0)”</i>
	14:00 – 14:20	Dr. Nuray Demirel <i>“Environmental Performance Assessment of Mining Machinery: A Life Cycle Perspective”</i>
	14:20 – 14:40	Break
Moderator:Dr. Gürcan Konak – Dr. Gökhan Turan		
5th SESSION Hall B Seminar Hall	14:40 – 15:00	Dr. Tahir Mallı <i>“Continuous System Bucket Wheel Excavator Method Increasing Productivity in Open-Pit”</i>
	15:00 – 15:20	Dr. Osman Zeki Hekimoğlu <i>“Computer Applications in Mechanical Excavation”</i>
	15:20 – 15:40	Ali Koray Özdoğın <i>“Investigation of the Effect of Nevşehir Bentonite Enrichment Processes on Productivity”</i>

FRIDAY, September 5, 2025		
Moderator: Dr. Erol Kaya – Dr. Abdullah Seyrankaya		
SESSION 6 Hall B Seminar Hall	10:30 – 10:50	Dr. Uğur Ulusoy <i>“Modification of Particle Shape by Grinding for Better Processing and Final Products”</i>
	10:50 – 11:10	Dr. Mehmet Tanrıverdi <i>“Significance of R&D in Mineral Processing”</i>
	11:10 – 11:30	Dr. İlgin Kurşun Ünver <i>“Recent Developments in Flotation Technology”</i>
	11:30 – 11:50	Riina Salmimies <i>“Creating Value from Water in Mining”</i>
	12:00 – 13:00	Lunch

13:30 – 15:30

PANEL

“Occupational Accidents and Insurance Legislation”

Panelists:

Ahmet Nedim Erdem

Selin Turan

Dr. Ayşe Coşkun Beyan

Av.Abdulgani Değirmenci