

New Directions in Mineral Processing 2024

Schedule Version 3

Tuesday 7/9

Time	Title	Speaker
8:00	Registration, Coffee, and Snacks	
8:30	Introduction	Erik Spiller and Bill Zisch
8:45	Basics, Vocabulary, and Concepts	Corby Anderson
9:15	Sampling: Metallurgical Accounting - End the Debate - Better Data from Your Operations	Mick McCaslin
10:30	Coffee	
10:45	Introduction to Liberation	Erik Spiller
11:00	Primary Crushing with Gyrotory	John Googins
11:15	Primary Jaw & Secondary Units	John Googins
12:00	Lunch	
1:00	Fundamentals and Applications of Hydrometallurgy & Biohydrometallurgy	Jaeheon Lee
2:15	Coffee	
2:30	Comminution in Tumbling Mills - SAG & Ball	Erik Spiller
3:30	Kroll Institute for Extractive Metallurgy (KIEM) Laboratory Tour and Demonstrations	
4:00	End	

Wednesday 7/10

Time	Title	Speaker
8:00	Arrive, Mingle, and Breakfast	
8:30	Introduction to Separations	Erik Spiller
8:45	Gravity, Magnetic, Electrostatic and other Physical Separation Unit Operations	Erik Spiller
9:15	Coffee	
9:30	Flotation Presentation	Natska Ericson
11:00	Coffee and Walk to Brown	
11:15	Flotation Demonstration	Natska Ericson
12:00	Lunch	
1:00	The Future of Mining IS the Future of Tailings Management	Priscilla Nelson (Zoom)
2:00	Coffee	
2:15	Plant Cost Estimation	Corby Anderson
3:15	Blasting For Optimal Degradation	Matt Miller
4:00	End	

Thursday 7/11

Time	Title	Speaker
8:00	Arrive, Mingle, and Breakfast	
8:15	Geometallurgy: The METSIM® Approach	Dylan Everly
9:15	Pyrometallurgical Simulation of the Midrex Process using METSIM® and FactSage	Alex Holtzapple
9:45	Coffee	
10:00	Stirred Milling Fine and Ultra-Fine Grinding	Alan Boylston
11:00	Slurry Transport and Mineral Processing	Josh Stowe
12:00	Lunch	
1:00	The Sorting Revolution: An Epic Tail of Liberation, Separation and the Pursuit of Sustainability	Harold Cline and Drew Duffy
2:00	Mineral Processing in Recycle	Erik Spiller
2:45	Coffee	
3:00	Process Control	Caelen Anderson (Zoom)
4:00	End	

Friday 7/12

Time	Title	Speaker
8:00	Arrive, Mingle, and Breakfast	
8:30	High Pressure Grinding Rolls and Others	Tim Lundquist
9:15	Due Diligence Studies	Erik Spiller
9:45	Coffee	
10:00	Plant Audits	Deepak Malhotra
11:00	Plan Design and Operation	Brock O'Kelley
12:00	End	