

## MONTANA TECH - MINERAL INDUSTRY 2023 INAUGURAL FALL SYMPOSIUM

## **PROGRAM**

FRIDAY, OCTOBER 6 – STUDENT UNION BUILDING (SUB) COPPER LOUNGE, MONTANA TECH CAMPUS

BREAKFAST (on your own - SUB Marcus Deli buffet is \$7.56)

Time	Name	Brief Title
8:00 8:45	REGISTRATION – Speakers, please load your presentations MORNING WELCOMING – Courtney Young (MT Tech) and Bracken Spencer (MT SME)	
8:55 9:35 10:00	Marc LeVier Bracken Spencer McKoy Gebhardt	PLENARY: The Future of Mining in a 21st Century Economy Repair of a Cemented Rock Fill Transfer Pass Application of Underground Pre-Splitting in Butte MT
10:20 10:40 11:05 11:25 11:45	COFFEE BREAK (on Cole Deringer Isaac Cobbinah Mohammed Moro Courtney Young	your own – SUB or Mill) – Speakers, please load your presentations  Construction of Twin 1400 Alimak Raises and the Installation of 850 HP Fans Hydrometallurgical Recovery of Rare Earth Fluorides from Recycled Magnets The Mineral Industry in Ghana History of Flotation through the First Chemicals and Early Machines, Part I
LUNCH (on your own – SUB Marcus Deli buffet is \$8.64) – Speakers, please load your presentations		
1:15	AFTERNOON WELCOMING – Matt Vincent (MMA)	
1:25 1:45 2:05 2:25 2:45	Courtney Young Jeff Mensah Abdul Mamudu Heidi Steiger Kristi Murphy	History of Flotation through the First Chemicals and Early Machines, Part II Surface Chemistry of Orfom® D8 for Depressing Cu in Copper/Moly Separation REE Flotation – Comparison of Silicates to Oxides, Carbonates and Phosphates REE Extraction in Fly Ash from Subbituminous Powder River Basin Coal Tails Reprocessing Project at Golden Sunlight Mine
3:10	COFFEE BREAK (on your own – SUB or Mill) – Speakers, please load your presentations	
3:30 3:50 4:10	Celine Beaucamp Jillian Winnick Mick McCaslin	Trace Elements in Fluorescent Sphalerite of the Philipsburg Mining District Potential Recovery of Sphalerite and Contained Critical Materials from Tailings Sampling or Gambling? A Participatory Presentation and Discussion
4:50 6:00	CONCLUDING REMARKS – Dave Kanagy (SME Executive Director) and Courtney Young (MTech) STUDENT MIXER – no host bar at Slainte	

SATURDAY, OCTOBER 7 – BOB GREEN FIELD/HPER PARKING AREAS, MONTANA TECH CAMPUS

11am Tailgate

1pm Football (Western at Tech) – Free tickets for industry will be available at meeting or tailgate

**FULL PRESENTATION TITLES AND ABSTRACTS ARE AVAILABLE IN A SEPARATE DOCUMENT** 



