

Schedule			
Wednesday AM October 14 8:00 - 12:00	General Session Room 100		
Schedule	Room 116	Room 117	Room 118
Wednesday PM October 14	Reclamation, Regulatory & Permitting	Geology	General Interest
1:30 - 2:00	Ed Murawski - Mining Market Leader, Southeast - Kleinfelder Design and Application of Bottomless Culverts in Quarry Environments	Scott Nyhof, PG - Prospect & Exploration Geologist - Mosaic Changes in Prospect Drilling: Tracking in Real-Time with Enhanced GIS Tools	Vaughn Astley - President - Dr Phosphate Inc The Occurrence of Serendipity in my 50 Years of R&D
2:05 - 2:35	Robert Chance - Associate Geologist - WSP How Many Piezometers Are Too Many? Lessons from Statistical and Machine Learning Evaluation of Groundwater Monitoring Networks	Corey Dobson, PG - Senior Hydrogeologist - Mosaic Efficient Use of Mobile GIS Capabilities for Efficient Planning And Management of Mine Dewatering Wells	Dan Jenkins - Technology Officer - Steel Camel Preventing and Mitigating Condensation in Enclosures to Reduce Corrosion.
Break			
3:20 - 3:50	Lauren Deaner - Sr. Ecologist II - Verdantas, Dr. Raoul Boughton - Sr. Ecologist - Mosaic From Mitigation to Genetic Rescue: Early Outcomes of a Florida Scrub-Jay Translocation Initiative	Douglas P. Dufresne, PG - Project Director/Senior Hydrogeologist - Ardaman & Associates, Inc. Refining the Zone	
3:55 - 4:25	Brian Studiale, PG, PMP - Senior Project Coordinator - Mosaic Creative Solutions When Insufficient Mitigation Credits are Available for Purchase	Bart Weiss, PG - Chief Officer for Innovation, Resiliency, and Sustainability - Hillsborough County, Florida South Hillsborough Aquifer Recharge Program	
Wednesday PM October 14 4:30 - 5:00	Ice Cream Social Exhibit Hall / Room 100		
Schedule	Room 116	Room 117	Room 118
Thursday AM October 15	Mineral Processing	Mining & Mine Planning	Health, Safety & Environmental
8:30 - 9:00	Maoming Fan - Senior Process Engineer, Dual PhD. - Eriez Magnetics Fine And Ultrafine Phosphate And Lithium Ore Direct Or Reverse Flotation Using Eriez' Cavtube Column Flotation Technology	Mathew Lipman, P.E. - Senior Geotechnical Engineer - Black & Veatch Application of Integrated Geotechnical and Hydrogeologic Characterization to Dragline Slope Stability Assessment in Deep Phosphate Mining	Ashley Shive - Director of Emergency Response and Waste Management - A-C-T Environmental & Infrastructure Lithium-Ion Batteries: Understanding the Risks, Hazards, and Response Challenges
9:05 - 9:35	Dr. Richard Bishop - Professor of Practice - Mining Engineering - Virginia Tech Monazite-Bearing Heavy Mineral Sands: A Rare Earth Resource for the Eastern United States	Christopher Naber & Thomas Rodriguez - Geologists - Mosaic South Fort Meade Bench Mining Planning, Execution, and Adjustment	Darrell L. Smith - Cultural Safety Consultant - DL Smith Ignites, LLC Trust: The Missing PPE
Break			
10:25 - 10:55	Mike Nascarella, P.E. - Principal Engineer - Taurus Industrial Services Combustion Systems in Mineral Processing	Karl Foelsche - Infrastructure Engineer - Mosaic Mosaic South Fort Meade Mine: Infrastructure Overview and new technologies employed in the Eastern Extension Mining Area	Robert Shearer - President - KBD Technic Industrial Ventilation Systems Overview
11:00 - 11:30	Gregory Bundy - Hydrocyclone Product Manager- Weir Hydrocyclones 101: Components, Operation, and Optimization	Luciano Vera - Mining Engineer I - Mosaic The AI Mining Engineer: Using Digital Intelligence to Transform Dragline Planning and Forecasting	Robert Shearer - President - KBD Technic Case Study - Mining and Granulation Plant
Schedule	Room 116	Room 117	
Thursday PM October 15	Chemical Processing	Innovation & Technology	
1:15 - 1:45	Robert Karas - Founder - Rowow LLC Ion Exchange Membrane Electrolysis for Acid Regeneration and Selective Metal Recovery in Mineral Processing	Devin Martiello - Short Range Operations Coordinator - Mosaic Implementation of Pegasys Dragline Monitoring Systems at Mosaic's Florida Phosphate Mines	
1:50 - 2:20	David Ivell - President - Ivell Fertilizer Consulting The Next Generation of JT Granulation Plants(NGGP)	David O'Brien - President - SurvTech Solutions, Inc. Innovation and Technology in Surveying and Mapping	
Break			
2:45 - 3:15	Jake Kenny, Ph.D. - Lead Process Engineer - Travertine Tech The Travertine Process: Phosphoric Acid Without Phosphogypsum	Tara Kecojevic - Process Engineer - CEMEX Taleo Semi Autonomous Trucks	
3:20 - 3:50	Emanuele Dal Pos / Marcus Hauptmann - Product Manager - Crystallization - SULZER AG Advanced Purification of Electronics-Grade Phosphoric Acid through Liquid-Liquid Extraction and Crystallization	Kyle Ulmer, P.E. - CEO - Altamus, Inc. Best Practices for Quality Assuring Data from Permanently Installed LiDAR Systems	
Thursday PM 3:55	Door Prize Drawings Room 100		