

Sunday, October 16 2022			
08:00 - 17:15	Short Course: Heap Leaching for Managers: How to Enable a Successful Heap Leach Operation		
17:30 - 20:00	Exhibitor Set-up		
17:30 - 20:00	Icebreaker Welcome Reception		
Monday, October 17 2022			
7:30 - 8:30	Registration and Refreshments		
7:30 - 8:30	Speakers Breakfast		
7:30 - 8:30	Delegate Breakfast - Sponsored by Kappes, Cassidy & Associates		
	Exhibit Hours		
8:30 - 8:35	Introduction by Conference Chair - Dirk Van Zyl Welcome and Safety Share		
8:35-8:40	Welcome Address by Annie Hutha, Director of the Mackay School of Earth Sciences & Engineering		
8:40 - 8:45	Introduction to Keynote Speaker - Ken Brunk		
8:45 - 9:45	Keynote Speaker: Ken Brunk, Technical Advisor to Calibre Gold Mining Co.		
	Refreshment Break		
	<table border="0" style="width:100%"> <tr> <td style="width:50%; text-align:center"> SESSION 1: Project Development Chair: Jared Olson Room - Nugget 2 </td> <td style="width:50%; text-align:center"> SESSION 2: Operations Chair: Bryan Ulrich Room - Cascade 2 </td> </tr> </table>	SESSION 1: Project Development Chair: Jared Olson Room - Nugget 2	SESSION 2: Operations Chair: Bryan Ulrich Room - Cascade 2
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10:15 - 10:35	16-Project Planning and Verification Using METSIM® Simulation Software at Brazilian Nickel Piauí Niquel Project. Alex Holtzapfel, Anne Oxley, Omar Caceres, Carlos Fonseca		
10:35 - 10:55	17-Metallurgical Considerations for Modelling the Recovery of Gold from Heap Leach Facilities. R. Nick Gow, B. Carlson, B. Fetter, A. House, B. Garcia		
10:55 - 11:15	21-Bentonite-Polymer Composite Geosynthetic Clay Liners for Heap Leach Liners. Craig H. Benson, Yu Tan, Jimmy Youngblood, Sabrina L. Bradshaw		
11:15 - 11:35	25-At the limit of Overliner material properties applied for high-capacity Heap Leach projects. Andrés León Saavedra, Javiera Espinoza Montoya (virtual)		
11:35 - 11:55	44-New Projects: Review of Lone Star Leach Pad Design, Construction and Operation. Philippa Killian		
11:55 - 12:15	27-Statistical functions for the development of heap leach pads cost estimation. Franco Sánchez, Axel Castro, Nancy Tafur (virtual)		
12:15 - 13:15	Lunch		
13:15 - 14:15	Panel Discussion: Design, Operations, and Closure Issues – Have We Covered the Bases? – Dan Kappes, Mark Smith, Thom Seal, Dirk Van Zyl, Panel Moderator Mike Milczarek		
14:15 - 14:45	Refreshment Break		
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14:45 - 15:05	43-Geotechnical Engineering: The "Observational Method" Applied to Monitoring of Slopes during Operational Activities for Heap Leach Pad Facilities. Michael Grass, Patrick Nketia, Christopher Jester		
15:05 - 15:25	9-See the metal you left behind: in-heap sensors for monitoring fluid flow. Steven Slupsky, George McIssac		
15:25 - 15:45	20-Process Operations Considerations at Victoria Gold Corp.'s Eagle Gold Mine. Jeffrey Winterton, Alex Martin		
15:45 - 16:05	48-Utilizing Online Cyanide Analyzers in Heap Leach Operations. Sileymano Lo, Pam Moyo, Roy Norcross		
16:05 - 16:25	8-Changes in water management during heap leach lifetime in heavy-rainfall sites. Jeymy Huamanyauri, Thalia Ordinola, Daniel Pulcha, Carlos Iparraguirre (virtual)		
18:00 - 20:00	W.M Keck Museum Reception		
Tuesday, October 18 2022			
7:30 - 8:30	Registration and Refreshments		
7:30 - 8:30	Speakers Breakfast		
7:30 - 8:30	Delegate Breakfast - Sponsored by Kappes, Cassidy & Associates		
	Exhibit Hours		
8:30 - 8:40	Introduction by Conference Co-Chair, Mark Smith Welcome and Safety Share		
	Patron Sponsor Video (3 min)		
8:40 - 9:45	Keynote Speaker: John Marsden, President, Metallurgium		
9:45 - 10:15	Refreshment Break		
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10:15 - 10:35	24-Column Experiments to Assess Consolidation Behavior at Different Initial Irrigation rates in Copper Heap Leaching. Ángel D Briseño Arellano, Tzung-mow Yao, Michael Milczarek, Mark Brusseau		
10:35 - 10:55	32-Modelling the iodine-assisted chalcocopyrite leaching in ferric sulfate media in response to operating parameters in heap leaching. Ronny Winarko, Wenying Liu, David B. Dreisinger, Akira Miura		
10:55 - 11:15	33-Updated Statistics on Leaks per ha, Based on 22 M m2 ELL Surveys Conducted in Six Different Countries over the Last Decade. Silverio Prota, Chris Baldyga, Jaime Ossandon		
11:15 - 11:35	40-New Excess Flow Valves for Preventing Side Slope Washouts. Zachary Felkey (virtual)		
11:35 - 11:55	45-Governance and Management: Using KPI(s) and Early Indicator Dashboard to Manage and Communicate Heap Leach Pad Facility Performance. Patrick Nketia, Omololu Ogunseye		
11:55 - 12:15	46-The Piauí Nickel Heap Leach Commercial Plant. Anne Oxley, Omar Caceres, Mark E. Smith		
12:15 - 13:15	Lunch Break		
13:15 - 14:15	Keynote Speaker: Eric Schwamberger, Vice President at International Cyanide Management Institute		
14:15 - 15:15	Cyanide Panel Discussion, Chair: Barry Carlson		
15:15 - 16:15	Closing Refreshment Break		