

MDRU SC 103: Deep Copper Exploration, Discovery & Mining Short Course

Time	Speaker	Topic
8:00am - 8:30am		Morning Coffee and Registration Opens
8:30am - 8:35am	Alan Wainwright/ Craig Hart	Welcome & MDRU Introduction
8:35am - 8:50am	Mark Gibson	Technology Driven Exploration
8:50am - 9:20am	Thomas Bissig	Geologic Controls on Cu vs. Au in porphyry systems: learnings from the Andes
9:20am - 9:40am	David Broughton	The Kamo-a-Kakula ore system, Central African Copperbelt: Exploration, geology, resource definition, and global context
9:40am - 9:55am		Break
9:55am - 10:35am	Brock Riedell	Deep porphyry Cu-(Au-Mo) discoveries in the Americas: A historical survey – 1965-2018
10:35am - 11:05am	Craig Hart	Vertical component of the MDRU Porphyry Footprint exploration model
11:05am - 12:00pm	Ally Brown	Geochemical Strategies for Discovering Buried Copper Deposits in Tectonically Active Terrains
12:00pm - 1:00pm		Lunch
1:00pm - 1:30pm	Dave Moore & Quinn Harper	The Kwanika Porphyry Copper Deposit and Regional Targets
1:30pm - 2:00pm	Stefan Nadolski	Cave-to-mill at New Afton, rock characterization
2:00pm - 2:30pm	Bern Klein	Ore-sorting and grade enhancement in underground copper mines
2:30pm - 2:45pm		Afternoon Break
2:45pm - 3:15pm	Erik Eberhardt	Transitioning from Open Pit to Underground Mass Mining: Meeting the Challenges of Going Deeper and Bigger in Block Caving
3:15pm - 3:55pm	Nimmi Dhadwal	Geology, Mineralization and Mining Methods at New Afton Mine
3:55pm - 4:20pm	Alan Wainwright	Stratigraphy and preservation of deep, high-grade porphyry Cu-Au mineralization at Oyu Tolgoi, Mongolia