

Day	Time	Session	Author(s)	Title
Monday August 5	18:00 to 21:00	Ice breaker (Faculty Lounge)		
All technical sessions will be held in UC1050				
Tuesday August 6	8:30	Opening ceremony and welcome	Chair Pete Hollings and Elder Gene Nowejeick	
	9:00	Atypical Ni-Cu deposits	Keynote Mili Dragovic, D. Nixon, G.T., Spence, D.W., Nott, J.A., Goan, I.R., and Scoates, J.S.	Primitive arc magmatism and the development of magmatic Ni-Cu-PGE mineralization in Alaskan-type ultramafic-mafic intrusions
	9:40		Hunt, J.P., van Schalkwyk, L., Smart, E. and Benhura, C.	The Koperberg Suite of the Okiep Copper District - An overlooked target for magmatic nickel sulphides in a convergent margin system
	10:00		Holwell, D.A., Thompson, J., Blanks, D.E., Oliver, E., Porto, P., Oliveira, E., Tomazoni, F., Lima, A., D'Alto R., Graia, P. and Sant'Ana, T.	Deep orogenic magmatic Ni and Cu sulfide systems in the Curuçá Valley, Brazil
	10:20		Coffee Break (Faculty Lounge)	
	10:40	Barillas-Diaz, J.L., Cooke, D.R., Zhang, L., Wei Hong, Cajal, Y., Denholm, J. and Chisnall, T.	Mineral geochemistry and textural relations of Ni sulfides and Co arsenides ores from the atypical Avebury nickel deposit, western Tasmania, Australia	
	11:00	Bain, W.B., Tolley, J., Djon, L., Hamilton, M.A., and Hollings, P.	The LDI Intrusive Suite: Geology, tectonic setting, magmatic evolution, and possible controls of sulphide mineralization.	
	11:20	Jonsson, J., Hollings, P., Brzozowski, M., Bain, W., and Djon, L.	Petrogenesis of the mineralized horizons in the Offset and Creek zones, Lac des Iles Complex, N. Ontario	
	11:40	Peterzon, J., Phillips, N., Hollings, P., and Djon, L.	Deformation in mafic protoliths: Impacts from late faults on Ni-Cu-PGE mineralization at Lac des Iles Mine, Canada	
	12:00	Lunch (Faculty Lounge)		
	13:30	Atypical Ni-Cu deposits	Keynote Hayward, N.	Lithospheric structure controls for large magmatic Ni-Cu discoveries
	14:10		Florentini, M., Holwell, D., Blanks, D., Cherdantseva, M., Denyszyn, S., Ince, M., Vymazalova, A., and Piña Garcia, R.	A proposed cryptic common thread among Ni-Cu-PGE (Au-Te) systems spanning the boundary between Laurasia and Gondwana
	14:30		Shahabi Far, M., Good, D. and Samson, I.	Apatite as an indicator for volatile involvement in the genesis of the Marathon Cu-PGE deposit, northwestern Ontario
	14:50		Coffee Break (Faculty Lounge)	
	15:10		Yousefi, F., Lentz, D.R., Walker, J.A., Thorne, K.G., and Karbalaiearnezani, A.	Siluro-Devonian mafic-ultramafic intrusions in New Brunswick, northern Appalachians, and their associated nickel-copper-cobalt sulphide deposits: A preliminary review
	15:30		Peters, D., Leshner, C.M. and Pattison, E.	Hf-Nd-Pb isotopic evidence for variable impact devolatilization in the Sudbury Igneous Complex and its relevance for Ni-Cu-(PGE) sulfide ore formation
	15:50		Höytiä, H., Peltonen, P., Halkoaho, T., Makkonen, H.V., and Virtanen, V.J.	Copper and komatiitic magmatism – source of copper in the Sakatti Cu-Ni-PGE deposit in northern Finland
	16:10-18:00		Poster and Core Shack with refreshments (Faculty Lounge)	
Wednesday August 7	8:30	Midcontinent Rift System	Keynote Russell, D.M., and Strandlie, J.	Potential links between the Midcontinent Rift (MCR) related Baraga-Marquette dyke swarm and early MCR-related magmatic Ni-Cu sulfide deposits in Michigan, USA.
	9:10		Sweet, G.S. and Peterson, D.M.	The anatomy of a Cu-Ni-Co-PGE-mineralized mafic magmatic system: The South Kawishiwi Intrusion of the Duluth Complex, northeastern Minnesota
	9:30		Steiner, R.A.	Exploring the footwall: Sulfide mineralization in the footwall granite of the Maturi Deposit, Minnesota
	9:50		Boucher, C., Pitts, M.J., Good, D.J., and Laxer, M.	Whole rock geochemistry and down-hole vectoring as an exploration strategy in the Coldwell Complex
	10:10		Coffee Break (Faculty Lounge)	
	10:30	Augustin, C.T., and Mungall, J.	One parental magma for them all: Unveiling the crystallization of the Raptor Zone, Tamarack Intrusive Deposit, Minnesota	
	10:50	Corredor Bravo, A.P., Hollings, P., Brzozowski, M., and Heggie, G.	Magmatic and hydrothermal evolution of the PGE-Cu-Ni Current Lake deposit	
	11:10	Ernst, R.E., El Bilali, H., Buchan, K.L. and Jowitt, S.M.	Regional changes in plume-generated stress linked to MCR (Keweenaw LIP) chonolith emplacement	
	11:30	Good, D.J.	Characterizing the Early (Plume) and Main (Rifting) Stages in the Evolution of the Midcontinent Rift	
	11:50	Lunch (Faculty Lounge)		
	13:20	Petrological characteristics and vectors	keynote Jenkins, M.C., Corson, S., Geraghty, E., Kamo, S.L., Lowers, H., and Mungall, J.E.	A multi-methodological approach: Combining textural observations and geochronology to study the J-M Reef Package and its Hanging Wall, Stillwater Complex, Montana
	14:00		Smith, W.D., Henry, H., Maier, W.D., Muir, D.D., Heinen, J.S., and Andersen, J.Ø	Reconstitution of the Merensky Reef footwall during chamber replenishment
	14:20		Ni Tao, Jiangang Jiao, Jun Duan, Haigang Yan, Ruohong Jiao, and Hanjie Wen	Multi-thermochronological records of cooling, denudation and preservation of ancient ultrabasic magmatic ore deposits: An example from the Neoproterozoic Jinchuan giant magmatic Cu-Ni sulfide deposit
	14:40		Maghdour-Mashhour, R., and Mungall, J.	Thermodynamic constraints on the generation of cubanite-rich magmatic sulfides
	15:00		Coffee Break (Faculty Lounge)	
	15:20		Schoneveld, L.E., Williams, M., Salama, W., Spaggiari, C.V., Barnes, S.J., Le Vaillant, M., Siegel, C., Hu, S., Birchall, R., Baumgartner, R., Shelton, T., Verrall, M., and Walmsley, J.	New indicator mineral signatures for nickel sulfide exploration
	15:40		Schoneveld, L., Luolavirta, K., Barnes, S.J., Hu, S., Verrall, M. and Le Vaillant, M.	Complexly zoned pyroxenes at Kevitsa record magma mixing and survive alteration
	16:00	Thakurta, J., Wagner, Z., Nagurney, A., and Schaefer, H.T.	Compositional variability in olivine: New data on the occurrences of Ni and Co as guides to mineral prospectivity	
16:20	Poster and Core shack room with refreshments (Faculty Lounge)			
18:00	Banquet (Faculty Lounge)			
Thursday August 8th	8:30	Geophysics, petrography and hydrodynamics	Keynote Enkin, R.I.	Petrophysics applied to magmatic sulfide deposits: The physical properties - mineralogy link
	9:10		Kaski, K., Smith, J., Tschirhart, V., Heggie, G., and Enkin, R.	Quantum full tensor magnetic gradiometry to better define conduit-type Ni-Cu-PGE targets
	9:30		Riahi, S., Mungall J.E., and Ernst, R.E.	Applying Magnetic Vector Inversion (MVI) on aeromagnetic data in the Thunder Bay region of the Mid-Continent Rift
	9:50		El Ghawi, A.K. and Mungall, J.E.	Application of FactSage to model the compositional variability of the Ni-Cu-PGE mineralization at the Main Zone of the Tamarack Intrusive Complex
	10:10		Coffee Break (Faculty Lounge)	
	10:30	Virtanen V.J., Höytiä, H.M.A., Iacono-Marziano, G., Yang, S., Moilanen, M. and Törmänen, T.	Mantle-to-crust-scale chemical fractionation and sulphide saturation of the Paleoproterozoic komatiites of the Central Lapland Greenstone Belt, Finland – Implications for geochemical exploration	
	10:50	Ralsch, D., Staudé, S., Fernandez, V. and Markl, G.	Formation of euhedral silicate megacrysts within magmatic massive sulfides	
	11:10	Cherdantseva, M.V., Anenburg, M., Mavrogenes, J.E. and Florentini, M.L.	What does magmatic sulfide liquid hide?	
	11:30	Aubut, A.	A Paradigm Shift: The evolution of nickel-bearing ultramafic emplacement models.	
	11:50	Lunch (Faculty Lounge)		
	13:20	Keynote Sproule, R.A.	Future research areas to aid in exploration for Ni sulfides	
	14:00	Goldie, R.J.	How exploration geologists can and should use "soft NSRs" to represent assays of Ni-Cu-PGE mineralization	
	14:20	Coffee Break (Faculty Lounge)		
	14:40	Houlé, M.G., Sappin, A.-A., Leshner, C.M., Metsaranta, R.T., Rayner, N., and McColl, V.	Spatial distribution, lithological associations, and geochemical signatures of Ring of Fire Intrusive Suite within the McFaulds Lake Greenstone Belt in the Superior Province: Implications for the Ni-Cu-PGE, Cr, and Fe-Ti-V metal endowment of the region	
	15:00	Leshner, C.M. and Houlé, M.G.	Exploration-based classification scheme for magmatic Ni-Cu-(PGE) systems	
15:20	Awards and closing ceremony	Chair Pete Hollings and Elder Gene Nowejeick		