

# WAGER AND BROWN WORKSHOP PROGRAM

SUNDAY, JUNE 28

CSIRO ARRC BUILDING, 26 DICK PERRY DRIVE, KENSINGTON

<b>8:30</b>	<b>9:00</b>	<b>REGISTRATION</b>	
9:00	9:25	Rais Latypov, Sofya Chistyakova, Stephen J. Barnes, Belinda Godel, Giada Iacono-Marziano, Willem Kruger	Secondary nucleation: an overlooked mechanism of crystal formation in igneous systems
9:25	9:50	Alan Boudreau	Surface energy and phase boundary energy: What's the difference?
9:50	10:15	M. Christopher Jenkins, Steve Barnes, Michael Zientek, and William D. Smith	Fine-scale textural and mineralogical variability in the PGE-rich B chromite zone, Stillwater Complex, USA revealed by high-resolution XRF mapping
10:15	10:40	Steve Barnes, Michael Lange, Will Smith	Effects of post-cumulus processes on chromite compositions in layered intrusion cumulates and implications for the origins of chromitite layers
<b>10:40</b>	<b>11:00</b>	<b>MORNING BREAK</b>	
11:00	11:25	WD Maier, D Grobler, A Brits, MC Jenkins, M Zientek	Evidence for percolation of sulfide-rich crystal slurries in the Stillwater Complex, Montana
11:25	11:50	H. Richard Naslund	Basal olivine-rich zones in sills and layered intrusions: Origin by slurry injection, flow segregation, or crystal settling
11:50	12:15	Rais Latypov, Sofya Chistyakova	Regional geology and chemistry of orthopyroxene argue against the formation of the Bushveld Complex from externally-derived crystal-rich slurries
<b>12:15</b>	<b>13:00</b>	<b>LUNCH</b>	
13:00	13:25	Johan Kruger	The Merensky Reef and the Platereef: sill-like and dyke-like intrusions of sulphur-rich Upper Zone magma
13:25	13:50	Stephen Prevec, Petele Lehoenya, Freddie Roelofse	Petrogenesis of the Main Zone-Upper Zone transition in the Western Bushveld Complex based on plagioclase and strontium isotope compositional variation
13:50	14:15	Ben Hayes, Scott MacLennan, Robert Bolhar	Fe-Ti oxide crystallisation in the T-Zone crystal mush as a trigger for stratiform PGE mineralisation in the Bushveld Complex
14:15	14:40	Anton Kuttyrev, Wolfgang D. Maier, Thomas Belinkshop	The Rhy layered intrusion, Wales: petrogenesis, marginal chill differentiation, and early sulfide saturation
<b>14:40</b>	<b>15:00</b>	<b>AFTERNOON BREAK</b>	
15:00	15:25	Wolfgang Maier, Piotr Skotnicki, Petri Peltonen, Sarah-Jane Barnes, Eero Hanski, William D Smith, Duncan Muir	PGE reefs in the upper portion of the Koitelainen layered intrusion, Finland
15:25	15:50	Joyashish Thakurta and Cory Paliewicz	An assessment of olivine-rich rocks of the layered mafic intrusions of the Duluth Complex as source rocks for geological hydrogen
15:50	16:15	Raymond Goldie	Evaluation of the economic potential of Platinum Group Element (PGE) deposits: the case of the Platina Reefs at Skaengard
<b>17:30</b>	<b>22:00</b>	<b>ICE-BREAKER: The Lucky Shag Rooftop Bar, 1 Barrack Square, Perth CBD</b>	



International Symposium  
on Mafic-Ultramafic  
Mineral Systems

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