



Modern Applications of Geophysics: Mineral Case Studies

Wednesday Nov 9, 2022 @ Fraser's Kings Park, Perth, WA

8:30 - 9:00	Registration		
9:00 - 9:10	Opening Address & Welcome		
Session I - Exploration & Orebody Characterisation			
9:10 - 9:40	Integrated 3D modelling and associated machine learning targeting: the Jaguar Greenstone Belt example.	Gem Midgley	<i>Mira Geoscience</i>
9:40 - 10:10	Hardrock 3D Seismic Imaging of the Mawson Nickel prospect.	JJ Leong	<i>Terra Resources</i>
10:10 - 10:40	Application of underground DHEM at the historic Cassilis Gold Mine, Swifts Creek goldfield, eastern Victoria.	Nick Direen	<i>MITRE Geophysics</i>
<i>Morning Tea</i>			
Session II - Resource Evaluation and Production			
11:20 - 11:50	Geophysical mapping for mine planning.	Chris Wijns	<i>First Quantum Minerals</i>
11:50 - 12:20	Manganese and geophysics at Woodie Woodie.	Gemma King	<i>Consolidated Minerals</i>
12:20 - 12:50	Geophysically constrained resource definition of the Burracoppin Magnetite deposit.	Jim Austin	<i>CSIRO</i>
<i>Lunch</i>			
Session III - Exploration & Discovery			
14:10 - 14:40	Deep geophysical targeting for IOCG and shale-unconformity hosted Cu-Co-Ag deposits at Emmie Bluff in South Australia.	Jayson Meyers	<i>Resource Potentials</i>
14:40 - 15:10	The discovery of the Jericho ISCG deposit – following the breadcrumbs.	Andrew Thompson	<i>Oz Minerals</i>
<i>Afternoon Tea</i>			
Session IV - Geophysical Signatures			
15:50 - 16:20	Geophysics of the Prominent Hill IOCG Deposit.	John Hart	<i>Rio Tinto</i>
16:20 - 16:50	Havieron Gold-Copper Deposit: Discovery and Geophysical Characteristics.	Eric Battig	<i>Newcrest</i>
16:50 - 17:00	Closing address		
<i>Sundowner and Best Presentation Award</i>			