



Modern Applications of Geophysics: Mineral Case Studies

Wednesday Nov 24, 2021 @Fraser's Kings Park, Perth, WA

8:00 – 8:30

Registration

8:30 – 8.40

Opening Address & Welcome

Session I - Exploration & Discovery

Chair

Darren Hunt

8:40 – 9:05

The Oak Dam discovery.

Katherine McKenna

BHP

9:05 – 9:30

Deeper understanding of the Duketon Gold project through integration of district scale resistivity data.

Tom Hoskin

Moombarriga Geoscience

9:30 – 9:55

Interpretation of regional geophysical data for copper exploration in the Curaçá Valley, Brazil.

James Reid

Mira Geoscience

9:55 – 10:20

Geophysical response and exploration methods for Callie-style targets in Tanami, NT, Australia.

Tim Dohey

Newmont Corporation

Morning Tea

Session II - Geophysical Signatures

Chair

Daniel Lindsey

10:50 – 11:15

Geophysical response of the Atlantida Cu-Au porphyry deposit, Chile.

Matt Hope

First Quantum Minerals

11:15 – 11:40

Geophysical response of alteration and mineralisation at the Cadia Au-Cu porphyry system, NSW.

Terry Hoschke

Alterrex

11:40 – 12:15

Geophysics and the discovery of the southern extension of the Antler VMS Deposit, Arizona USA.

Jarrad Trunfull

Terra Resources

Lunch

Session III - Geophysical Signatures: WA Classics

Chair

Keith Fisk

13:15 – 13:40

The role of geophysics in the discovery of the Gonneville PGE-Ni-Cu-Co-Au deposit, Julimar, WA.

Jacob Paggi

Armada Exploration Services

13:40 – 14:05

Geophysical signature of the DeGrussa Copper-Gold Volcanogenic Massive Sulphide deposit, WA.

Bill Peters

Southern Geoscience Consultants

14:05 – 14:30

The geophysical expression of the Abra sedimentary replacement Pb-Ag-Cu-Au deposit, WA.

Jayson Meyers

Resource Potentials

14:30 – 14:55

The geophysical signature of Nova-Bollinger; from exploration to mining.

Bill Amann

Newexco Exploration

Afternoon Tea

Session IV - Resource Evaluation and Production

Chair

Regis Neroni

15:25 - 15:50

The use of geophysics in the post-discovery of the Nova deposit.

Andrew Fitzpatrick

IGO Limited

15:50 - 16:15

Building 3D rock models from seismic at the Tropicana gold mine.

Kevin Jarvis

HiSeis

16:15 - 16:40

Laterite resource definition through geophysics, case studies from Ravensthorpe, WA.

Chris Wijns

First Quantum Minerals

16:40 - 16:50

Closing address

16:50 - 19:00

Sundowner and Best Presentation Award