

Time	Authors	Organizations	Title
8:00 – 9:00 <i>Breakfast</i>			
9:00 – 9:10 <i>Opening Remarks – Peter Tschirhart</i> , President of KEGS			
<i>Session 1: New Developments</i>			
Chairs: Luise Sander, Sander Geophysics Ltd, Peter Tschirhart, KEGS President			
9:10 – 9:30	Richard Fortin*, Olivier Boulanger, Maurice Coyle, Brad Harvey, Frank Kiss, Doug Oneschuk, Phuong Vo	Geological Survey of Canada, Natural Resources Canada	Application of remotely piloted aircraft to regional airborne geophysics: concept study and technical requirements for magnetics and gamma-ray spectrometry surveys
9:30 – 9:50	Alexander Prikhodko*, Andrei Bagrianski, Petr Kuzmin	Expert Geophysics Limited	Configurations of natural field airborne MobileMT system – technical features, differences, and applications
9:50 – 10:10	<sup>1</sup> Francesco Dauti*, <sup>2</sup> Andrea Viezzoli, <sup>3</sup> Isla Fernandez, <sup>4</sup> Jim Royall, <sup>1</sup> Gianluca Fiandaca	<sup>1</sup> The EEM-Team for Hydro, University of Milan, <sup>2</sup> EMERGO srl, <sup>3</sup> Geognosia sll, <sup>4</sup> Pan Global Resources Inc.	Airborne and Ground IP integration for mineral exploration: a Spanish case study
10:10 – 10:30	<sup>1</sup> Alan G. Jones*, <sup>2</sup> Randall Mackie, <sup>2</sup> Wolfgang Soyer	<sup>1</sup> ManoTick GeoSolutions (MTGS), <sup>2</sup> CGG Multiphysics Imaging	Understanding problems in old MT data using modern methods
10:30 – 10:55 <i>Coffee break</i>			
<i>Session 2: Computation</i>			
Chairs: Mehrdad Darijani, Geotexera Inc, Farzaneh Farahani, KEGS Past-President			
11:00 – 11:20	<sup>1</sup> Juerg Hauser*, <sup>2</sup> Jiawen He, <sup>2</sup> Andrew Valentine <sup>3</sup> , <sup>2</sup> Malcolm Sambridge, <sup>2</sup> Fabrizio Magrini, <sup>2</sup> Auggie Marignier	<sup>1</sup> Commonwealth Scientific and Industrial Research Organisation, <sup>2</sup> Research School of Earth Sciences, The Australian National University <sup>3</sup> Department of Earth Sciences, Durham University	CoFI – a platform to encourage tinkering and experimentation in inversion
11:20 – 11:40	Carsten Scholl*, Tom Kimura, Stephen Hallinan	CGG	3D Airborne EM inversion schemes with 1D, 2D and 3D forward solvers
11:40 – 12:00	Peter Walker	Geophysical Algorithms	Linear solution to the non-linear electromagnetic inverse problem: Dialetheia or Oxymoron?
12:00 – 12:20	<sup>1,2</sup> Michael S Zhdanov*, <sup>1,2</sup> Michael Jorgensen, <sup>3</sup> John Keating	<sup>1</sup> University of Utah, <sup>2</sup> TechnoImaging, <sup>3</sup> PJX Resources Inc	Simultaneous inversion of magnetic data into induced and remanent magnetizations
12:20 – 13:25 <i>Lunch</i>			
<i>Session 3: Seismic</i>			
Chairs: Lee Zayonce, DeBeers, Emily Data, KEGS Secretary Treasurer			
13:30 – 13:50	<sup>1</sup> Alireza Malehmir*, <sup>1</sup> Magdalena Markovic, <sup>1</sup> Myrto Papadopoulou, <sup>2</sup> Musa Manzi	<sup>1</sup> Uppsala University, Sweden, <sup>2</sup> University of the Witwatersrand, South Africa	Synchronized nodal and fiber-optic seismic surveys for deep targeting in denied GPS-time environments
13:50 – 14:10	<sup>1</sup> Tom Bell, <sup>1</sup> Greg Turner, <sup>1</sup> Mohamed Megebry, <sup>1</sup> Ron Schop*, <sup>2</sup> Ganesh Bhat, <sup>2</sup> Brad Knell	<sup>1</sup> HiSeis Pty Ltd, <sup>2</sup> Lynas Rare Earths Ltd	Targeting rare earth mineralization and groundwater at Mt Weld using 2D and 3D seismic
14:10 – 14:30	Dan Hollis	Sisprobe SAS	Recent Advances in Ambient Noise Tomography Imaging for Mineral Exploration
14:30 – 14:50	Gerrit Olivier, Jan Hansen*, Darren Burrows	Fleet Space Technologies	Real Time Ambient Noise Tomography – Deep Exploration Examples
14:50 - 15:15 <i>Coffee break</i>			
<i>Session 4: Case Studies</i>			

Chairs: Pam Coles, Abitibi Geophysics, Darren Burrows, KEGS Vice-President			
15:20 – 15:40	<sup>1</sup> Scott Napier*, <sup>2</sup> Divanir Conego Junior, <sup>2</sup> Marieli Machado Zago, <sup>2</sup> Francisco Tomazoni Neto, <sup>1</sup> Glenn Pears, <sup>3</sup> Pablo Mejia Herrera	<sup>1</sup> Mira Geoscience Ltd, <sup>2</sup> Ero Brasil, <sup>3</sup> Ero Copper Corp	The role of integrated interpretation of geoscientific data in understanding the mineral system associated with magmatic Ni-Cu-PGE mineralizations in the Curaçá Valley, Bahia, Brazil - A story of discovery
15:40 – 16:00	<sup>1</sup> Isla Fernandez*, <sup>1</sup> Silvia Aragon, <sup>1</sup> Antonio Menghini, <sup>1</sup> Sara Berm, <sup>1</sup> Bill Amann, <sup>1</sup> Nicholas Ebner, <sup>2</sup> Jim Royall	<sup>1</sup> Gaia Exploración S.L., <sup>2</sup> Pan Global Resources Inc	Targeting sulphide mineralisation using Sedimentary corrected Regional Gravity by AEM in the Iberian Pyrite Belt
16:00 – 16:20	Colm Murphy*, Gaud Pouliquen	Bell Geospace Limited	Structure mapping under cover and under deposits with FTG
16:20 – 16:40	Ken Witherly	Condor Consulting Inc	What Lies Beneath; Mapping Conductive Zones within Porphyry Copper Systems. Part 2: Supergene conductivity
16:40 – 16:50 <i>Closing Remarks – Darren Burrows, Vice President of KEGS</i>			
16:50 – 18:00 <i>Reception</i>			

\*Presenter

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