

KEGS Symposium 2024 - Schedule

Time	Presenters	Title
8:00	Breakfast	
9:00	Peter Tschirhart President of KEGS	Opening remarks
9:05	Session 1: New Developments Chairs: Luise Sander , Sander Geophysics Ltd., Peter Tschirhart , KEGS President	
9:10	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	Alexander Prikhodko* , Andrei Bagrianski , Petr Kuzmin Expert Geophysics Limited	Configurations of natural field airborne MobileMT system – technical features, differences, and applications
9:50	¹Francesco Dauti* , ²Andrea Viezzoli , ³Isla Fernandez , ⁴Jim Royall , ¹Gianluca Fiandaca ¹ The EEM-Team for Hydro, University of Milan, ² EMERGO srl, ³ Geognosia sll, ⁴ Pan Global Resources Inc.	Airborne and Ground IP integration for mineral exploration: a Spanish case study
10:10	¹Alan G. Jones* , ²Randall Mackie , ²Wolfgang Soyer ¹ ManoTick GeoSolutions (MTGS), ² CGG Multiphysics Imaging	Understanding problems in old MT data using modern methods
10:30	Coffee Break	
10:55	Session 2: Computation Chairs: Mehrdad Darijani , Geotexera Inc., Farzaneh Farahani , KEGS Past-President	
11:00	¹Juerg Hauser* , ²Jiawen He , ²Andrew Valentine³ , ²Malcolm Sambridge , ²Fabrizio Magrini , ²Auggie Marignier ¹ Commonwealth Scientific and Industrial Research Organisation, ² Research School of Earth Sciences, The Australian National University ³ Department of Earth Sciences, Durham University	CoFI – a platform to encourage tinkering and experimentation in inversion
11:20	Carsten Scholl* , Tom Kimura , Stephen Hallinan CGG	3D Airborne EM inversion schemes with 1D, 2D and 3D forward solvers
11:40	Peter Walker Geophysical Algorithms	Linear solution to the non-linear electromagnetic inverse problem: Dialetheia or Oxymoron?
12:00	^{1,2}Michael S Zhdanov* , ^{1,2}Michael Jorgensen , ³John Keating ¹ University of Utah, ² TechnoImaging, ³ PJX Resources Inc	Simultaneous inversion of magnetic data into induced and remanent magnetizations
12:20	Lunch	

13:25	Session 3: Seismic Chairs: Lee Zayonce , DeBeers, Emily Data , KEGS Secretary Treasurer	
13:30	¹Alireza Malehmir* , ¹Magdalena Markovic , ¹Myrto Papadopoulou , ²Musa Manzi ¹ Uppsala University, Sweden, ² University of the Witwatersrand, South Africa	Synchronized nodal and fiber-optic seismic surveys for deep targeting in denied GPS-time environments
13:50	¹Tom Bell , ¹Greg Turner , ¹Mohamed Megebry , ¹Ron Schop* , ²Ganesh Bhat , ²Brad Knell ¹ HiSeis Pty Ltd, ² Lynas Rare Earths Ltd	Targeting rare earth mineralization and groundwater at Mt Weld using 2D and 3D seismic
14:10	Dan Hollis Sisprobe SAS	Recent Advances in Ambient Noise Tomography Imaging for Mineral Exploration
14:30	Gerrit Olivier , Jan Hansen* , Darren Burrows Fleet Space Technologies	Real Time Ambient Noise Tomography – Deep Exploration Examples
14:50	Coffee Break	
15:15	Session 4: Case Studies Chairs: Pam Coles , Abitibi Geophysics, Darren Burrows , KEGS Vice-President	
15:20	¹Scott Napier* , ²Divanir Conego Junior , ²Marieli Machado Zago , ²Francisco Tomazoni Neto , ¹Glenn Pears , ³Pablo Mejia Herrera ¹ Mira Geoscience Ltd, ² Ero Brasil, ³ 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	¹Isla Fernandez* , ¹Silvia Aragon , ¹Antonio Menghini , ¹Sara Berm , ¹Bill Amann , ¹Nicholas Ebner , ²Jim Royall ¹ Gaia Exploración S.L, ² Pan Global Resources Inc	Targeting sulphide mineralisation using Sedimentary corrected Regional Gravity by AEM in the Iberian Pyrite Belt
16:00	Colm Murphy* , Gaud Pouliquen Bell Geospace Limited	Structure mapping under cover and under deposits with FTG
16:20	Ken Witherly Condor Consulting Inc	What Lies Beneath; Mapping Conductive Zones within Porphyry Copper Systems. Part 2: Supergene conductivity
16:40	Darren Burrows Vice President of KEGS	Closing remarks
16:50	Reception	

*Presenter

KEGS thanks the Symposium sponsors

