

Tuesday 15 October 2024						
10am-12:30pm 12 noon	M Sponsors & Exhibitors bump in Registration Desk open Delegates attending the workshops, please note, that lunch is not included on this day.					
1pm –1:30pm	Trade Exhibition Open	k Bistro at Wrest Point have meals	available for a quite bite to eat.		Exhibition Foyer	
Гime	Plenary Hall Workshop	Tasman Room A Workshop	Tasman Room B&C Workshop	Wellington Room Workshop	Boardwalk Gallery Workshop	
1:30pm –3pm	Workshop 1 Electrical Geophysics Case Studies and New Developments Daniel Eremenco, Gap Geophysics Australia; Mr Ronny Stolz, Jonathan Rudd, Dias Geophysical and Dias Airborne; Christopher Parker, IPHT	Workshop 2 Passive Seismic – a tool for early stage exploration Dr Richard Lynch, Dr Anaïs Lavoué, Sisprobe	Workshop 3 Forward Stratigraphic Modelling and Geophysical Inverse Models Cedric Griffiths, StrataMod Pty Ltd.	Workshop 4 DAS, Machine Learning, Interferometry & Beyond: A Tour of Modern Geophysical Buzzwords Tjaart de Wit, Institute of Mine Seismology	Workshop 5 Towed time domain electromagnetic and direct current electrical resistivity surveying Dr David Allen, Groundwater Imaging Pty Ltd	
3:30pm –3:30pm	Afternoon Refreshments and	Trade Exhibition			Exhibition Foyer	
3:30pm – 5pm	Workshop 1: continuation	Workshop 2: continuation	Workshop 3: continuation	Workshop 4: continuation	Workshop 5: continuation	
5pm-7pm	Welcome Event, Wrest Point	Exhibition Foyer		With than	institute of mine seismology	

Wedneso	lay 16 Oc	tober 2024
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Time	Plenary Hall	Tasman Room A	Tasman Room B&C	Wellington Room	Boardwalk Gallery		
8am –8:30am	Registration and Trade Exhibition	Registration and Trade Exhibition Open + Arrival Tea and Coffee Exhibition Foyer					
8:30am – 10am	Workshop 6 SIMPEG open source modelling and inversion with Geoscience ANALYST Pro Geophysics - Session 1 Dr James Reid, Glenn Pears, Mira Geoscience	Workshop 7 QGIS for Exploration Geophysics Thomas Schaap, Mark Grujic, Dr Thomas Ostersen, Datarock	Workshop 8 Using CoFI to experiment with geophysical inversions Professor Malcolm Sambridge, Research School of Earth Sciences, The Australian National University	Workshop 9 Geological interpretation of aeromagnetic data Dr Teagan Blaikie, Yvonne Wallace, Sharon Lowe, Southern Geoscience Consultants	Workshop 10 NMR: The missing link in hydrogeology that connects other data sets to water in the ground Mike Hatch, Vista Clara Inc and CSIRO		
10am – 10:30am	Morning Refreshments and Trade Exhibition Exhibition						
10:30am-12pm	Workshop 6: continuation	Workshop 7: continuation	Workshop 8: continuation	Workshop 9: continuation	Workshop 10: continuation		
12pm – 1pm	Lunch and Trade Exhibition		1		Exhibition Foyer		
1:00pm – 2:30pm	Workshop 11 SIMPEG open source modelling and inversion with Geoscience ANALYST Pro Geophysics - Session 2 Dr James Reid, Glenn Pears, Mira Geoscience	Workshop 12 Teaching Geophysics through Interactive Notebooks and Team-Based Learning Prof Stuart Clark, Dr. Patrick Makuluni, UNSW Sydney	Workshop 13 D.I.Y. Multiphysics Interpretation Jarrod Dunne, Tom McNamara, James Parsons, Qintegral Pty Ltd	Workshop 14 Adding value to governmental AEM data. The East Isa VTEM case study Dr Andrea Viezzoli, Emergo, Italy	Workshop 15 Natural Hydrogen Workshop Hugo Beldame, Hamish Gordon, Mick Small and guest presenters, Natural Hydrogen Association of Australia		
2:30pm – 3pm	Afternoon Refreshments and T	rade Exhibition			Exhibition Foyer		
3pm – 4:30pm	Workshop 11: continuation	Workshop 12: continuation	Workshop 13: continuation	Workshop 14: continuation	Workshop 15: continuation		
6pm – 8pm	Royal Yacht Club of Tasmania	Early Career Networking Event – (ticketed event) Royal Yacht Club of Tasmania With thanks to our Sponsor Newmont					

Thursday 17 October 202	4
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Time	Plenary Hall						
7am – 7:50am	Registration and Trade Exhibition	egistration and Trade Exhibition Open + Arrival Tea and Coffee Exhibition Foyer					
7:50am-7:55am	Opening Address Janelle Kerr, ASEG President	nelle Kerr, ASEG President					
	Dignitary Address - The Hon M	elcome to Country - Uncle Rodney Dillon and Linton Burgess, Wayti Culture & Knowledge gnitary Address - The Hon Madeleine King MP (Pre-recorded) elcome from our Platinum Spansor, Asmita Mahanta, Global Practice Lead Geophysics					
8:25am –8:30am	Welcome Remarks and Intro	/elcome from our Platinum Sponsor - Asmita Mahanta, Global Practice Lead Geophysics /elcome Remarks and Introduction to the Symposium Program ric Battig, ASEG DISCOVER Chairperson					
8:30am –9:00am	Keynote Presentation Evolution of 3D electromagne Lindsey Heagy, University of B		ition to an open-source ecosysto	em			
Time Chair:	Plenary Hall Concurrent Session 1.1 Carsten Scholl, Viridian	Tasman Room A Concurrent Session 1.2 Vincent Ganivet, Shearwater	Tasman Room B&C Concurrent Session 1.3 Michael Hatch, University of Adelaide	Wellington Room Concurrent Session 1.4 Kate Hine, Mitre Geophysics	Boardwalk Gallery Concurrent Session 1.5 Gerrit Olivier/ Nick Smith, Fleet Space		
9:00am –9:20am	1.1.1 Simultaneous three- dimensional inversion of large-scale AEM data for changeability and conductivity using the GEMTIP model and moving sensitivity domain Leif Cox, Technolmaging	1.2.1 Measuring Variations in the Seismic Velocity as a Diagnostic of Rock Damage and Healing R Snieder, Colorado School of Mines	1.3.1 TEMConfigurator, a new transient electromagnetic forward modelling interface, and evaluation of AgTEM-Wallaby and AgTEM-Wallaroo towed Transient Electromagnetic Systems capabilities and limitations. David Allen, Groundwater Imaging	1.4.1 Geophysical response of alteration and mineralisation in the Wafi-Golpu porphyry system, Papua New Guinea Terry Hoschke, Alterrex	1.5.1 Geological hypothesis testing via inference-mode multiphysics inversion Gerrit Olivier, Fleet Space Technologies		

THURSDAY 17 O	THURSDAY 17 OCTOBER 2024						
Time	Plenary Hall Concurrent Session 1.1	Tasman Room A Concurrent Session 1.2	Tasman Room B&C Concurrent Session 1.3	Wellington Room Concurrent Session 1.4	Boardwalk Gallery Concurrent Session 1.5		
9:20am –9:40am	1.1.2 Equivalent circuits for inductive EM and galvanic IP to predict IP sensitivity James Macnae, CD3D	1.2.2 Tackling rugose seabed, strike-shooting, short offset NAZ data in the Otway Basin with advanced processing technologies Robert To, Viridien	1.3.2 Towards Efficient Bayesian MASW Analysis using JAX Aaron Glanville , Velseis	1.4.2 Geophysical Signatures of a +5.4Moz gold deposit, NE Bankan, Guinea, West Africa Thomas Harris, Merlin Geophysics	1.5.2 P-wave Travel-Time Tomography for Mineral Exploration Tjaart de Wit, Institute of Mine Seismology		
9:40am –9:50am 9:50am – 10am	1.1.3 Closing the gap between galvanic and inductive methods: EEMverter, a new inversion tool for Electric and Electromagnetic data with focus on Induced Polarization Gianluca Fiandaca, University of Milano	1.2.3 Accelerating PINN Convergence for Signal Reconstructions Amarjeet Kumar, Shearwater Geoservices	1.3.3 Seasonal Temperature effect compensation in ERT monitoring without thermal measurements Alessandro Signora, University of Milan	1.4.3 A Multi-Physics IP Approach to Encuentro Porphyry Deposit Héctor Verdejo, GRS LTDA Chile	1.5.3 The effect of 1-bit normalization on ANT data, 3D velocity models, and their geological interpretation Patime Osman, Fleet Space Technologies		
10am – 10:30am	Morning Refreshments and Tra	 de Exhibition			Exhibition Foyer		

THURSDAY 17 O	THURSDAY 17 OCTOBER 2024							
Time	Plenary Hall							
10:30am – 11am		Keynote Presentation Plenary Hall Hardrock 3D Seismic for BHP's Copper South Australia Jared Townsend, Think & Act Differently, Powered by BHP						
Time	Plenary Hall Concurrent Session 2.1	Tasman Room A Concurrent Session 2.2	Tasman Room B&C Concurrent Session 2.3	Wellington Room Concurrent Session 2.4	Boardwalk Gallery Concurrent Session 2.5			
Chair:	Jared Townsend, BHP	Leif Cox, Technolmaging	Amarjeet Kumar, Shearwater	Nick Direen, Mitre Geophysics	Alan Meulenbroek, Velseis			
11am – 11:20am	2.1.1 Redefining copper exploration at Oak Dam IOCG deposit through high- end hardrock seismic processing Robert To, Viridien	2.2.1 Joint Inversion of Electrical and Electromagnetic data including IP: a methodological breakthrough Alessandro Signora, University of Milan	2.3.1 Reaching the Pantheon: A Multidisciplinary Approach to Data Reprocessing and Depth Imaging in the Vulcan Sub- basin Alexey Artemov, Shearwater Geoservices	2.4.1 Low-Frequency UAV SAM trials at Forrestania Electromagnetics Test Range in Western Australia Daniel Eremenco, Gap Geophysics Australia	2.5.1 WA Array and MT – Phase 1 and 2 updates Ruth Murdie, DEMIRS			
11:20am - 11:30am	2.1.2 Cosmic-ray Muon Tomography: Applications at Olympic Dam Nigel Phillips, Ideon Technologies	2.2.2 Three-dimensional AEM inversion considering IP effect using Octree mesh Gianluca Fiandaca, University of Milan	2.3.2 Effectiveness of Reprocessed Legacy 2D Seismic for Regional Evaluation: Examples from the Southern Browse Basin Satoshi Ishikawa, Inpex	2.4.2 Three examples of modern exploration for nickel in the Kimberley Region Tom Harding, IGO	2.5.2 Real-Time Ambient Noise Tomography For Uranium Exploration: Case Study From Roughrider Project In Athabasca Basin, Canada Laleh Khadangi, Fleet Space Technologies			
11:30am – 11:40am					2.5.3 Scale Reduction in Porphyry Cu-Au Exploration using Ambient Noise Tomography Nick Smith, Fleet Space Technologies			

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Time Chair:	Plenary Hall Concurrent Session 2.1 Jared Townsend, BHP	Tasman Room A Concurrent Session 2.2 Leif Cox, Technolmaging	Tasman Room B&C Concurrent Session 2.3 Amarjeet Kumar, Shearwater	Wellington Room Concurrent Session 2.4 Nick Direen, Mitre Geophysics	Boardwalk Gallery Concurrent Session 2.5 Alan Meulenbroek, Velseis
11:40am – 12pm		2.2.3	2.3.3	2.4.3	2.5.4
11:40am – 12pm	Integration by design:	Airborne IP driven exploration for a green-field research project Gianluca Fiandaca, University of Milano	Velocity model building of VSP data through Semblance analysis Javad Khoshnavaz, EPIROC KLS	Outcomes from characterisation of the Moornambool Metamorphic Complex megaclasts in the Stawell Corridor with potential field modelling and neural network predictive targeting Tom McNamara, University of Melbourne	21 Basalt Street: Undercover mineral exploration of the Mount Read Volcanics in north western Tasmania George Taylor, Institute of Mine Seismology
12pm – 12:10pm 12:10pm – 12:20pm	Utilizing DAS VSP for	2.2.4 Modelling IP in Tempest data: the first preliminary steps and insights Andrea Viezzoli, Emergo	2.3.4 Stratya2D: Kinematic Backstripping and Decompaction Enhanced by Image-Based 2D Horizon Integration Harikrishnan Nalinakumar, UNSW	2.4.4 Geophysical Exploration of Graphite in the Eyre Peninsula Claire Mortimore, Terra Resources	2.5.5 A Novel yet Simple Approach to the Interpretation of HVSR Data in Australia – A Data Rich Case Study from the Pilbara Nathan Tabain, BHP
12:20pm – 12:30pm	2.1.5 Multi-physics imaging of an iron-oxide copper gold (IOCG) deposit under thick cover Ben Kay, University of Adelaide	2.2.5 Correcting EM responses at Girilambone for IP effects Kate Hine, Mitre Geophysics	2.3.5 Seismic velocity analysis – recent experiences using a new approach to QC based on integrated geophysical modelling Jarrod Dunne, QIntegral		2.5.6 Passive seismic imaging of Mt Isa Province Ao Chang, QUT/GSQ

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12:30pm – 12:40pm	2.1.6 Australia-wide 3D Density and Magnetic Susceptibility Models: Reducing the search space for IOCG deposits James Goodwin, Geoscience Australia	2.2.6 Interpreting airborne electromagnetic data unburdened from induced polarisation effects: an unconventional mineral discovery case study from the eastern Yilgarn region of Western Australia Regis Neroni, NewGen Geo	2.3.6 Uplift and subsidence history of the Barents Sea Basin: analysis of dynamic topography contribution Elena Babina, UNSW		2.5.7 Detection of aircraft noise with buried distributed acoustic sensors Boris Gurevich, Curtin University		
12:40pm – 1:40pm	Lunch and Trade Exhibition				Exhibition Foyer		
Time	Plenary Hall						
1:40pm – 2:10pm	Keynote Presentation Integrating geophysical data with mineral systems models from the lithospheric to prospect scale Dr Kate Selway, Vox Geophysics						

THURSDAY 1	THURSDAY 17 OCTOBER 2024						
Time Chair:	Plenary Hall Concurrent Session 3.1 Stephan Thiel, CSIRO	Tasman Room A Concurrent Session 3.2 Jared Townsend, BHP	Tasman Room B&C Concurrent Session 3.3 Steve Hearn, Velseis	Wellington Room Concurrent Session 3.4 James Macnae, CD3D	Boardwalk Gallery Concurrent Session 3.5 James Reid, Mira Geoscience		
2:10pm – 2:30pm	3.1.1 Three-dimensional MobileMT and TMI Data Inversions for Mineral Exploration Leif Cox, Technolmaging	3.2.1 How deep is the basement beneath the Otway Basin? Insight from semiautomated magnetic depth estimates Yvette Poudjom Djomani, Geoscience Australia	3.3.1 Application of pseudo-3D reflection seismic arrays to map mafic-ultramafic intrusions at the Silver Knight Prospect in the Albany Fraser Orogen, Western Australia Antonio Huizi, IGO	3.4.1 Heterodyne method for sulphide mapping. Latest field data Steve Collins	3.5.1 Preliminary assessment of an alluvial aquifer system using airborne and ground-based geophysics: Upper Darling River Floodplain, New South Wales Andrew McPherson, Geoscience Australia		
2:30pm – 2:50pm	3.1.2 Interpretation of electromagnetic multifrequency natural field data from Red Setter prospect (Paterson area, Western Australia) Alexander Prikhodko, Expert Geophysics	3.2.2 A Review of Physics-Based Machine Learning Approaches for Geological Modelling Vladislav Alekseev, UNSW	3.3.2 Offering new geological insights to the Mawson Ni-Cu- Co prospect via seismic data reprocessing Alan Meulenbroek, Velseis	3.4.2 Application of 3D Cole-Cole inversion by Offset Pole-Dipole Time-Domain IP data for mineral exploration in South Australia Takafumi Murakita, Jogmec	3.5.2 Results from three large-area ground TEM surveys over highly salinised floodplains on the River Murray, South Australia Michael Hatch, University of Adelaide		

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Time	Plenary Hall Concurrent Session 3.1	Tasman Room A Concurrent Session 3.2	Tasman Room B&C Concurrent Session 3.3	Wellington Room Concurrent Session 3.4	Boardwalk Gallery Concurrent Session 3.5		
2:50pm – 3pm		3.2.3 A field trial of cross-well seismic with DAS and a high-frequency source: A field trial of cross-well seismic with DAS and a high-frequency source Nikita Beloborodov, Curtin University	3.3.3 Marrying depth to top of basement mapping from magnetic field data with depth to base of cover mapping from gravity data: an example from the Mulgathing Trough of South Australia	3.4.3 The impact of geometry on Resistivity/IP surveys Emilio Rodriguez Nievas, ExploreGeo	3.5.3 Three-Dimensional Mapping of Palaeovalleys in the West Musgrave Region, Central Australia Joshua Lester, Geoscience Australia		
3:00pm – 3:10pm	3.1.4 Innovations in airborne natural field electromagnetics for deep exploration Alexander Prikhodko, Expert Geophysics Limited	3.2.4 Monitoring underwater sounds using distributed acoustic sensing: a pilot study from Australia's North West Shelf Boris Gurevich, Curtin University	Philip Heath, GSSA				
3:10pm – 3:40 pm	Afternoon Refreshments an	nd Trade Exhibition			Exhibition Foyer		

THURSDAY 1	THURSDAY 17 OCTOBER 2024						
Time	Plenary Hall						
3:40pm – 4:10pm	Keynote Presentation Using Deep Learning to find impact structures in continental-scale datasets Mark Grujic, Datarock				Plenary Hall		
Time	Plenary Hall Concurrent Session 4.1	Tasman Room A Concurrent Session 4.2	Tasman Room B&C Concurrent Session 4.3	Wellington Room Concurrent Session 4.4	Boardwalk Gallery Concurrent Session 4.5		
Chair:	Gerrit Olivier, Fleet Space Technologies	Aaron Davis, CSIRO	James Macnae, CD3D	Ruth Murdie, DMIRS	Prof Ronny Stolz, Leibniz Institute Of Photonic Technology		
4:10pm – 4:20pm	4.1.1 Ambient Noise Tomography (ANT) as a scalable data platform for Machine-Learning	4.2.1 Joint inversion of gravity and MT for mineral systems mapping Stephan Thiel, CSIRO	4.3.1 Geophysical Assessment of Mine Tailings for New- Economy Minerals Wei Heng, GHD Pty Ltd	4.4.1 Modernising Australian geophysics datasets to enable National-scale multiphysics computation	4.5.1 Subsurface Velocity Structure of the Tasmanian Midlands using Ambient Noise Tomography: Implications for		
4:20pm – 4:30pm	driven mineral discovery Jack Muir, Fleet Space Technologies		4.3.2 MAPRad – A miniaturised magnetic antenna Ground Penetrating Radar Matthew Auld, RMIT University	at Exascale: one size can no longer fit all Lesley Wyborn, Australian National University	Geothermal Potential Tjaart De Wit, Institute of Mine Sesimology		
4:30pm – 4:50pm	4.1.2 Computer vision tools for geophysicists Thomas Schaap, Datarock	4.2.2 3D joint inversion of ground and airborne EM Carsten Scholl, Viridien		4.4.2 AusLAMP – mapping lithospheric architecture and mineral potential in central and eastern Australia Jingming Duan, Geoscience Australia	4.5.2 Geothermal exploration using SQUID TEM survey and 3D inversion, Southern Sumatra, Indonesia Leif Cox, Technolmaging		

THURSDAY 17 OCTOBER 2024						
Time	Plenary Hall Concurrent Session 4.1	Tasman Room A Concurrent Session 4.2	Tasman Room B&C Concurrent Session 4.3	Wellington Room Concurrent Session 4.4	Boardwalk Gallery Concurrent Session 4.5	
4:50pm – 5pm	4.1.3 Leveraging Machine Learning and Geophysical Data for Automated Detection of Interior Structures of Cratons Hojat Shirmard, The University of Sydney	4.2.3 A decade-long between-system comparison of AEM conductivities at Menindee Lake using deterministic and stochastic inversion Anandaroop Ray, Geoscience Australia	4.3.3 WA Array Site Characterisation – Enhanced Shear Wave Velocity Profiling from Passive Seismic Data Reza Ebrahimi, Geological Survey of Western	4.4.3 Tomographic model of the Australian region from seismic full waveform inversion Josef Holzschuh, Geoscience Australia	4.5.3 Lemont, a blind geothermal power plus lithium project John Bishop, Mitre Geophysics	
5pm – 5:10pm	4.1.4 Integration of Advanced Machine Learning Techniques in Mineral Exploration: Prospectivity Mapping of Porphyry Mineralisation in New South Wales, Australia Elnaz Heidari, The University of Sydney			4.4.4 Electrical structure of the Newer Volcanics Province, SE Australia, from 3-D Magnetotelluric Imaging Xinpeng Ma, Jilin University	4.5.4 Is there a hotspot under NE Tasmania? Dave Bennett, Devil Resources	
5 :10pm	Day 1 Close					
5:10pm	Free Time					
6 :40pm	Meet at the Wrest Point Exhibition Hall for Ferry transport to the Dinner Venue (Exclusive for delegates attending the dinner) Ferry departs at 7:00pm sharp					
7:20pm – 10:20pm	Symposium Dinner (ticketed event) Waterline Berthing Deck Brooke Street Pier					

Friday 18 October 2024						
Time	Plenary Hall					
8am- 8:30am	Registration and Trade Exhibit		Exhibition Foyer			
8:30am – 8:35am	Welcome Day 2 Eric Battig, ASEG DISCOVER Chairperson				Plenary Hall	
8:35am – 9:05am	Keynote Presentation The Value of Geological Analogues for Unlocking the Subsurface for the Energy Transition Simon Lang, The University of Western Australia					
Time	Plenary Hall Concurrent Session 5.1	Tasman Room A Concurrent Session 5.2	Tasman Room B&C Concurrent Session 5.3	Wellington Room Concurrent Session 5.4	Boardwalk Gallery Concurrent Session 5.5	
Chair:	Jack Muir, Fleet Space	Shane Mule, CSIRO	Phil Heath, GSSA South Australia	Jarrod Dunne, Qintegral	Teagan Blaikie, SGC	
9:05am – 9:15am	5.1.1 Real-Time Multiphysics Sensors Derived from Space Exploration Technology for Scalable Mineral Exploration Gerrit Olivier, Fleet Space Technologies	5.2.1 Drill core scale petrophysical zonation of Jupiter and Taurus, Mount Woods, SA Andreas Bjork, Minex CRC - University of South Australia	5.3.1 Seafloor geophysical mapping: Renewable energy use case and the importance of open access data Christopher Yule, CSIRO	5.4.1 Capturing high-resolution lithological heterogeneity in geological CO2 storage reservoir models using stochastic seismic inversion Seyed Ahmad Mortazavi, University of Melbourne	5.5.1 Large geophysical surveys over NSW released in 2024 Astrid Carlton, Geological Survey of NSW	
9:15am – 9:25am	5.1.2 Observations from acquisition and processing of deep crustal 2D seismic data over Southwest and Midwest Western Australia Greg Turner, HiSeis				5.5.2 An investigation of wing-tip TMI gradiometry using data from the Yathong Survey near Cobar, NSW Clive Foss, CSIRO	

Greg Turner, HiSeis

FRIDAY 18 OCTOBER 2024					
Time Chair:	Plenary Hall Concurrent Session 5.1 Jack Muir, Fleet Space	Tasman Room A Concurrent Session 5.2 Shane Mule, CSIRO	Tasman Room B&C Concurrent Session 5.3 Phil Heath, GSSA South Australia	Wellington Room Concurrent Session 5.4 Jarrod Dunne, Qintegral	Boardwalk Gallery Concurrent Session 5.5 Teagan Blaikie, SGC
9:25am – 9:35am 9:35am –	5.1.3 A comparison of 3D active seismic and ambient noise models Timothy Jones, Fleet Space Technologies	5.2.2 Remanence remembered – an exploration case history from western Tasmania Mark Duffett, Mineral Resources Tasmania 5.2.3	5.3.2 The Plumes of Maralinga: Mapping nuclear fallout patterns over sixty years after atomic bomb testing James Cunneen, Eit Pty Ltd	5.4.2 Time-lapse 3D reverse VSP monitoring of a 16.5-tonne CO2 injection into a shallow fault at the Otway site Roman Isaenkov, Curtin University	5.5.3 Quantitative determination of airborne Mag/Rad survey quality Sam Matthews, Geological Survey Of NSW
9:45am		Geoscience at the Core Scale: A Comparison of Petrophysical Data, Geologic Classifications, and Assay Results for Two South American Porphyry Deposits Using Entry Level Statistics and Cluster Analysis Blake Cross, Condor Consulting, Inc			
9:45am – 9:55am		5.2.4 GSWA petrophysics update: insights from physical property cross plots Sasha Banaszczyk, DEMIRS - GSWA	5.3.3 Advancing Space Weather Hazard Research in Australia: a Journey of Discovery from AWAGS to AusLAMP Liejun Wang, Geoscience Australia	5.4.3 Re-evaluating the Stratigraphy of the Polda Basin: Implications for Underground Hydrogen Storage in Onshore Salt Caverns Timothy Rady, Geomorph Energy Consulting Pty Ltd	5.5.4 Georgetown AEM survey: Preliminary Results Sasha Aivazpourporgou, Geological Survey Of Queensland

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Time Chair:	Plenary Hall Concurrent Session 5.1 Jack Muir, Fleet Space	Tasman Room A Concurrent Session 5.2 Shane Mule, CSIRO	Tasman Room B&C Concurrent Session 5.3 Phil Heath, GSSA South Australia	Wellington Room Concurrent Session 5.4 Jarrod Dunne, Qintegral	Boardwalk Gallery Concurrent Session 5.5 Teagan Blaikie, SGC	
9:55am – 10:05am					5.5.5 Maximising the Value of Geophysical Data for Mineral Exploration: A Case Study from the Yilgarn Craton Mosayeb Khademi, Minex CRC/University of South Australia	
10:05am – 10:30am	Morning Refreshments and T	rade Exhibition		-	Exhibition Foyer	

FRIDAY 18 OCTOBER 2024						
Time	Plenary Hall					
10:30am – 11:00am	Keynote Presentation From Skeletons to Pegmatites – Navigating the Hype of GPR Jan Francke, Groundradar Inc				Plenary Hall	
11am – 12pm	ASEG Awards and Closing Ceremony					
12pm – 1pm	Lunch and Trade Exhibition Exhibition Exhibition Foyer					
Time	Plenary Hall Workshop	Tasman Room A Workshop	Tasman Room B&C Workshop	Wellington Room Workshop	Boardwalk Gallery Workshop	
1:00pm – 4:00pm		Workshop 16 Airborne electromagnetic (AEM) surveying from farm to table an interactive overview of acquisition, processing and inversion of AEM data Dr Anandaroop Ray, Dr Yusen Ley-Cooper, Geoscience Australia	Workshop 17 Advances in Geothermal Energy Exploration and Development Mick Small, AGA	Workshop 18 MT for mineral exploration: Tips, traps and interpretation Dr Kate Selway, Vox Geophysics and University of Tasmania	Workshop 19 D.I.Y. Multiphysics Interpretation Jarrod Dunne, Tom McNamara, James Parsons, QIntegral Pty Ltd	
4pm – 5pm	Farewell Refreshment	ts	1	1	Exhibition Foyer	

The ASEG DISCOVER 2024 reserves the right to amend or alter any advertised details relating to dates, program and speakers if necessary and without notice, as a result of circumstances beyond their control.

All attempts will be made to keep any changes to an absolute minimum.

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