

POSTERS WILL BE ON DISPLAY FROM SUNDAY 22ND AUGUST, 1600 HOURS IN THE EXHIBITION HALL 5

Poster Presenters will be asked to stand by their posters at the following nominated times.

Poster Session 1

Monday 23rd August 1300-1330

Poster #

- 2** Magnetotelluric survey across the central Eyre Peninsula ***Stephan Thiel***
- 5** Enhancing the radiometric map of Australia ***Brian Minty***
- 8** A magnetic survey at Histria Necropolis ***Sorin Anghel***
- 11** Study of apparent resistivity of a sphere buried in a horizontal layered structure ***Alireza Safari***
- 16** The generation of starting models for refraction inversion from multi-fold seismic data with the GRM ***Derecke Palmer***
- 17** The computation of attributes from seismic refraction data ***Derecke Palmer***
- 18** Nonuniqueness with refraction inversion – A syncline model study ***Derecke Palmer***
- 23** A potential field approach to defining the margins of the West Australian Craton ***Brenton Crawford***
- 26** Theoretical studies of the geophone coupling influence in the bare carbonate rock area ***Zhanjie Shi***
- 29** Two-dimensional regularization inversion of magnetotelluric data for deeper mineral exploration:
An example from the Sanjiang River copper deposit ***Jian-Xin Liu***
- 32** Radiometric anomalies of South Australia ***Stephen Petrie***
- 35** Streaming: Vehicle-borne radiometric surveying in SA - past, present and future ***Gary Reed***
- 38** The magnetic anomaly map of Australia, 5th edition, 2010 ***Peter Milligan***
- 41** Magnetic moments of fine particles from micromagnetic surveys ***Phil Schmidt***
- 44** Approximation to macro anisotropy of conductivity for CSAMT exploration ***Yixian Xu***
- 47** Ground-truthing proposed slab window formation beneath Sundaland using seismic tomography ***Theresa Fabian***
- 50** Reprocessing strategy to obtain quantitative early time data from historic VTEM surveys ***James Macnae***
- 53** Ground-roll attenuation by a new algorithm ***Tenfei Zhou***
- 56** Passive seismic spectroscopy ***Erik H. Saenger***
- 59** Transformation of coincident loop data to a surrogate potential response ***Lachlan Hennessy***
- 62** Time frequency spectral decomposition for determination of bottom simulating reflector (BSR) of gas hydrate seismic data ***Hien Doan Huy***
- 65** Pit (wells)-ground controlled source electromagnetic signal transmitter ***Wang Meng***
- 68** A method suited to survey of shallow high resolution survey and survey in busy streets of a city Landsoner ***Zhong Shihang***
- 71** AEM Go-Map for the Paterson region, WA and Pine Creek, NT David Hutchinson

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Poster Presenters will be asked to stand by their posters at the following nominated times.

Poster Session 2

Tuesday 24th August 1300-1330

- 3** Prospect of natural gas industry in Iran ***Hedayat Omidvar***
- 6** Applications of Gamma-ray transport modeling to improving borehole logging for Uranium ***Bruce Dickson***
- 9** Complete bouguer anomalies for the Australian national gravity database ***Ray Tracey***
- 12** Fault shadow distortions on 3D seismic data and their removal by depth processing ***Sergey Birdus***
- 14** Marine seismic profiling and shallow marine sand resistivity investigations in Jervis Bay, NSW Australia ***Julian Vrbancich***
- 21** Is VIRT an efficacious strategy for refraction inversion? ***Derecke Palmer***
- 22** Imaging the base of the weathering by stacking shot records ***Derecke Palmer***
- 24** Multi attribute analysis of east java basin carbonate reef built-up ***Roy Barus***
- 27** A geological interpretation of the Tallaringa and Ooldea Magnetic surveys ***Philip Heath***
- 30** Regularized equidimension inversion of gravity data ***Guibin Zhang***
- 33** Bayesian stochastic inversion (a case study from an Iranian oil field ***Hosseinzadeh Abdolsamad***
- 36** The latest geological/geophysical interpretation of the NSW Murray Basin basement ***Astrid Carlton***
- 39** Automatic velocity model building technology ***Kaifeng Sun***
- 42** Quantitative appraisal of Heliborne and ground-based time domain electromagnetic surveys for uranium exploration
A case study from Rajasthan, India ***Anand Kumar Chaturvedi***
- 45** Paraguay: stopped at the border ***Bill Lodwick***
- 48** Profiling of aeromagnetic data Interpretation using the Eye Tracker ***Eun-Jung Holden***
- 51** High resolution seismic for sequence stratigraphy interpretation of shallow sediments in the Continental Shelf of Vietnam ***Mai Thanh Tan***
- 54** DISCover broadband towed streamer acquisition ***Tim Bunting***
- 57** The PNG Highlands survey - Radiometrics challenges and unexpected successes ***Gregory Street***
- 60** Plane-wave migration for steep reflectors imaging ***Li Han***
- 63** Attenuation of spatial aliasing by means of stationary-wavelet and slant-stack transforms ***Mohammad Javad Khoshnavaz***
- 66** Pit (well) "C ground controlled-source electromagnetic signal recorder ***Chen Kai***
- 72** A short user guide for UBC-GIF gravity and magnetic inversions ***Nick Williams***

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Poster Presenters will be asked to stand by their posters at the following nominated times.

Poster Session 3

Wednesday 25th August 1300-1330

- 4 Integrated MT/gravity exploration in Hungary: A success story **Kurt Strack**
- 7 Pine Creek airborne electromagnetic survey results. **Marina Costelloe**
- 10 A new automated method to determine depth to magnetic basement – the Gawler Craton depth to basement map **Tony Meixner**
- 13 Migration of duplex waves for coal-bed methane prediction **Naum Marmalevskyi**
- 15 Marine seismic profiling and shallow marine sand resistivity investigations in Broken Bay, NSW Australia" **Julian Vrbancich**
- 19 Detailed refractor imaging with the RCS **Derecke Palmer**
- 20 Non-uniqueness with refraction inversion – The Mt Bulga shear zone **Derecke Palmer**
- 25 Links between catchment erosion and climate investigated with uranium series isotopes **Suresh Puthiyaveetil Othayoth**
- 28 Application of SoPC in high-precision geoelectric data acquisition System **Qisheng Zhang**
- 31 Geophysical characterization and monitoring of subsurface drip irrigation water, Powder River Basin, Wyoming, USA **Burke Minsley**
- 34 Computation of porosity using sand and carbonate rock physics models in an Iranian oil field **Hosseinzadeh Abdolsamad**
- 37 What can potential field data really tell us about Continent-Ocean transitions? **Simon Williams**
- 40 Short and long wavelength geophysical features reflecting geology and structure in the Doradilla Tin-Copper-Nickel District, approximately 45 KM south-east of Bourke, NSW **Rosemary Hegarty**
- 43 Isostatic residual gravity anomaly grid of onshore Australia **Aki Nakamura**
- 46 Acquisition and processing of seismic reflection, refraction and magneto-telluric data, Northern Eyre Peninsula, Gawler Craton **Aki Nakamura**
- 49 Lineament analysis as a tool for hydrocarbon and mineral exploration: a Canadian case study **Madeline Lee**
- 52 Yule River Borefield TEMPEST survey **Gregory Street**
- 55 Australia-wide high passed radiometric image **Roger Clifton**
- 58 3D Combined Gravity and Magnetics Inversion modelling as a guide to target Haematitic Iron Ores – an example from the Koolanooka South (WA) prospect **Laurent Ailleres**
- 61 3D prestack depth migration with compensation for frequency dependent absorption and dispersion **Yi Xie**
- 64 An improved approach to pore-scale modelling of elastic properties of rocks **Dina Makarynska**
- 67 Converted-wave elastic impedance and fluid identification factor in fractured reservoirs **Jie Cui**
- 70 Prestack depth migration using seismic virtual source gathers **Kim Youngwan**
- 72 A short user guide for UBC GIF gravity and magnetic inversions **Nick Williams**