

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) 1C 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 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 Marmalevskiy**
- 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**