

Posters Hall F		Monday 13:20-13:45		Tuesday 13:20-13:45		Wednesday 13:20-13:45	
		Minerals		Petroleum		Near Surface	
M-1	Estimating cover thickness using seismic refraction in the southern Thomson Orogen - An UNCOVER application James Goodwin, Geoscience Australia, Australia	P-2	Magnetotelluric modelling: towards a 4-D inversion Dennis Conway, University of Adelaide, Australia	NS-1	Three-dimensional Inversion of GREATEM Data: Application to GREATEM survey data from Kujukuri beach, Japan Sabry Abd Allah, Hokkaido university, Japan		
M-2	Gravity gradient data filtering using translation invariant wavelet Dailei Zhang, Griffith University, Australia	P-3	Mapping sub-surface geology from magnetic data in the hides area, Western Papuan Fold Belt, PNG Irena Kivior, Archimedes Consulting, Australia	NS-2	Delineation of fault systems on Langeland, Denmark based on AEM data and boreholes Theis Raaschou Andersen, VIA University College, Denmark		
M-4	Integrated Interpretation of Magnetotelluric and Potential Field Data: Assessing the Northeast Kimberley Region Mike Dentith, The University of Western Australia, Australia	P-4	Characterising extrusive and intrusive magmatism at the Kipper Field, Gippsland Basin, using 3D seismic data Peter Reynolds, The University of Adelaide, Australia	NS-4	Processing of airborne gamma-ray spectra: extracting photopeaks Eugene Druker, Geophysical Consultant, Australia		
M-5	Determination of formation density through RC rods in iron ore environments Duncan Hinton, Weatherford, Australia	P-5	True-Triaxial-cell set up to estimate the stress induced anisotropy: Uniformity study Nazanin Nourifard, Department of exploration geophysics, Curtin University, Australia	NS-5	Processing of airborne gamma-ray spectrometry using inversions Eugene Druker, Geophysical Consultant, Australia		
M-6	Toward 3D structural constraints from magnetic models: an example from the Montresor belt, Nunavut, Canada Victoria Tschirhart, Geological Survey of Canada, Canada	P-6	Petrophysical characterization of Gondwana Shales of South Karanpura Coal Field, Jharkhand, India. Piyush Sarkar, Indian Institute of Technology, Bombay, Mumbai, India	NS-6	Magnetotelluric imaging of a carbonatite terrane in the Southeast Mojave Desert, California and Nevada Jared Peacock, U.S. Geological Survey, United States		
M-7	Edge detection of potential field data using correlation coefficients Wei Du, College of Geoexploration Science and Technology, Jilin University, China	P-7	Active tectonic and mechanic interaction between Cusiana and Yopal faults interpreting seismic and terraces geometry Jose Fernando Gomez Martinez, Universidad Industrial de Santander, Australia	NS-7	Performance of Hankel transform filters for marine controlled-source electromagnetic surveys: a comparative study Hangilro Jang, Sejong University, South Korea		
M-8	Lithological mapping via random forests: information entropy as a proxy for inaccuracy Steve Kuhn, University of Tasmania/CODES, Australia	P-8	The facies architecture of submarine basaltic volcanoes and their effects on fluid flow Peter Reynolds, University of Adelaide, Australia	NS-8	An analysis on MASW responses for ground subsidence in urban areas Bitnarae Kim, Department of Energy and Mineral Resources Engineering, Sejong University, South Korea		
M-9	Characterising cover and exploring under cover with AEM Shane Mulè, CGG, Australia	P-9	Analysis of gravity-driven normal faults using a 3D seismic reflection dataset from the present-day shelf-edge break of the Otway Basin, Australia. Alexander Robson, University of Adelaide, Australia	NS-9	An analysis on changes in resistivity of general reservoir dams based on time-lapse inversion of resistivity monitoring data Seo Young Song, Department of Energy and Mineral Resources Eng., Sejong University, South Korea		
M-10	A new source parameters estimation method of airborne gravity gradient tensor data Shuai Zhou, Jilin University, China	P-10	The application of seismic interferometry in oil and gas geological survey on the periphery of Songliao Basin Heng Zhu, Shenyang Geological survey center, Australia	NS-10	Geoscience Australia's Geophysical Network: critical infrastructure and observed and derived data for earth monitoring and community safety. Marina Costelloe, Geoscience Australia, Australia		

M-11	Field-dependent susceptibility of rocks and ores - implications for magnetic petrophysics and magnetic modelling David Clark, CSIRO Manufacturing, Superconducting Systems and Devices Group, Australia	NS-11	Aeromagnetic compensation with partial least square regression Dailei Zhang, Griffith University, Australia
M-12	Magnetic susceptibility of Edmund Basin, Capricorn Orogen, WA Heta Lampinen, University of Western Australia, Australia	NS-12	Comparing test line inversion results from different helicopterborne transient instruments with regard to hydrogeological mapping Neil Symington, Geoscience Australia, Australia
M-13	Using remote sensing and potential field data to interpret basin fill compositional variations and structures Ashley Uren, University of Western Australia, Australia	NS-13	Electrokinetic monitoring groundwater flow in fractured rock media Dennis Conway, University of Adelaide, Australia
M-14	Lithospheric Thinning by Mantle Plumes Manon Dalaison, The Australian National University, Australia	NS-14	Wireline logging: cost effective methods for new water bore certification and old leaky bore rehabilitation assessment Duncan Cogswell, Borehole Wireline, Australia
M-15	Inverting dynamic elastic moduli of a granular pack to get shear modulus of the grain Zubair Ahmed, Curtin University, Australia		
M-16	The bark without a dog - magnetic anomalies over holes in a volcanic sheet in the McArthur Basin, NT Clive Foss, CSIRO Mineral Resources, Australia		
M-17	Towards an understanding of the effects of alteration on the physical properties of mafic and ultramafic rocks Cameron Adams, University of Western Australia, Australia		
M-18	The electrical resistivity of the Australian lower crust Paul Soeffky, The University of Adelaide, Australia		
M-19	Electric bipole antenna model study of a basin scale fault system Alexander Costall, Curtin Exploration Geophysics, Australia		