



Program Day 1 – Thursday 27th April



MERCURE RESORT
HUNTER VALLEY GARDENS

Registrations 8.15 – 9.00

Session 1 - Chair: Tom Bradbury

9.00	Welcome and announcements from the Chair
9.05	Opening Address: Dr Chris Yeats
9.15	Keynote Speaker: Dr David Branagan
9.35	Kenneth Mosher Memorial Lecture: Exploration in the Southern Highlands B Fitzsimons, R Doyle
9.55	RS Nicoll, M Bocking, JM Crowley, GR Wood, S Bodorkos, TE Smith, EK Holmes <i>Dating of marine incursions in the Sydney, Gunnedah and Bowen basins via U-Pb zircon CA-IDTIMS dating of intercalated tuffs: updating the Permian sea-level curve for eastern Australia</i>
10.15	K Bayly <i>Correlations and revelations in the Western Coalfield... A Hypothesis</i>
10.35	Morning Tea
11.05	T Murray <i>Aquitards and Structural Evolution of the Southern Sydney Basin</i>
11.25	K Hughes, F Oliveira <i>Sydney Basin Geological Synthesis</i>
11.45	J Brownlow <i>The New England Connection: Revisited</i>
12.05	MW Dawson <i>Cisuralian Coals of the Mullaley Sub-Basin</i>
12.25	Lunch
13.30	G Fallon <i>Empirical observations of applied Seismic to coal exploration within the Hunter Valley</i>
13.50	B Zhou, P Hatherly, W Sun <i>Seismic diffraction imaging for enhanced small structure detection</i>
14.10	S Hroncek, G Fallon, P Chern, J Dirstein, A Stanley <i>Automating fault characterization and features extraction from 3D seismic data for underground mine planning</i>
14.30	R Henwood, S Pell <i>Application of acoustic scanner data in determining end wall stability. A case study from an operating coal mine in the Hunter Valley, New South Wales</i>
14.50	Afternoon Tea
15.20	MW Dawson <i>Greta Coal Measures near Blandford, Werrie Basin</i>
15.40	A Burra <i>Sedimentary and structural geometry in understanding mining hazards – an example from the Western Coalfields</i>
16.00	S Kelloway, C Ward, C Marjo, I Wainwright, D Cohen, D French <i>Quantitative Quality Profiling of Coal Seams Using a Laboratory-based XRF Core-Scanner</i>
16.20	S Kelloway, J Vohra, D Cohen, C Ward, C Marjo, D French, I Wainwright <i>On-site Inorganic Analysis of Coal Seams Using a Hand-held Field-portable XRF Analyser</i>
16.40	Summary and announcements
17.00	Close of Day 1





Program Day 2 – Friday 28th April

Session 2 - Chair: Tom Bradbury

9.00	Keynote Speaker: Dr Ron Boyd
9.20	J Esterle, S Pretorius, C Fricker, SA Ayaz, R Sliwa, J Crowley, B Nicoll <i>The Yarrabee Tuff- it really was a blast</i>
9.40	M Bocking <i>Establishing the evidence of glacial processes in the Sydney Basin coal measures</i>
10.00	V Bianchi, F Zhou, R Sliwa, J Esterle <i>Re-adjusting the paleodrainage in the Surat Basin infill: dynamic platform tilting wanted</i>
10.20	A Wheeler, J Esterle, N van de Wetering <i>Palynological records of marine incursions in the Sydney-Gunnedah- Bowen Basin –Preliminary investigation</i>
10.40	Morning Tea
11.10	N van de Wetering, J Esterle, <i>Spatial variability of organic $\delta^{13}C$ in sediments of the Upper Permian, Bowen and Sydney Basins</i>
11.30	C McMahon <i>Coal quality borecore washability predictions</i>
11.50	AR Collins, N Roberts, J Hammett <i>Coal borecore washability unification</i>
12.10	N Lambert <i>Particle Density Meter on CHPP Feed</i>
12.30	Lunch
13.30	BB Beamish, J Theiler <i>Spontaneous combustion behaviour of coal from the Greta Seam</i>
13.50	G O'Brien, K Warren, S. Hartmann, M Hibberd <i>Quantifying coal dust in urban samples</i>
14.10	M Armstrong <i>Water and mining – what role does the GSNSW play?</i>
14.30	Afternoon Tea
14.50	LW Gurba, K Privat <i>Targeting Future Energy Resources in NSW – Advanced Mineralogical and Morphological Characterisation of Graphite-bearing Deposits</i>
15.20	B Larkin <i>Automatic Determination of Lithology Boundaries from Downhole Geophysical Logs</i>
15.40	B Atkinson, K Warren, P Hapugoda, G O'Brien, A Swanson <i>New-generation resource characterisation</i>
16.00	G Edwards, B Boyle <i>A New Disaggregated Industry Dynamic is emerging with Restructuring of Australian Coal Industry</i>
16.20	Summing up and announcements (including Best Presenter Award)
16.30	Close of Conference

