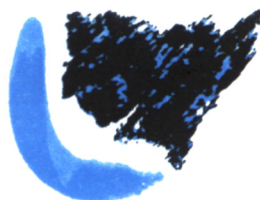
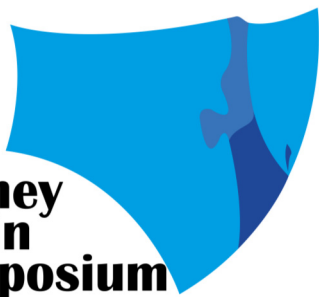


**Sydney
Basin
Symposium**



*Coalfield Geology Council
of New South Wales*

41st Sydney Basin Symposium

Sydney Basin Symposium

Friday 22nd March 2019
9:00am - 5:00pm

Registrations

Registrations open 8:20am - 8:55am

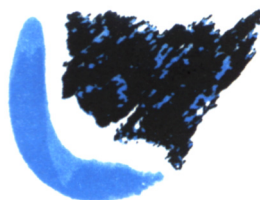
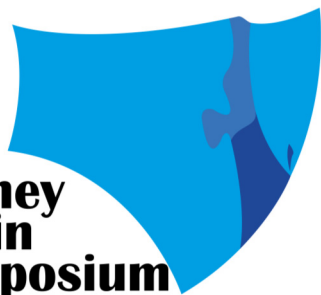
Program - Morning Session

Chair: Shaun Ayshford

9:00am	Welcome and announcements from the Chair
9:05am	Opening address: David French
9:15am	Kenneth Mosher memorial lecture - John Lea Newcastle NSW CBD redevelopment risk mitigation tool – application of wireline-deployed sonar system for cavity surveys
9:35am	Jason Palozzi and Judy Bailey Characterising Rare Earth Elements in coal preparation refuse and combustion residues
9:55am	Chris McMahon and Rebecca Jackson Borecore sampling - Back to the future
10:15am	Thomas Fuhrmann and Matt Garthwaite Monitoring of CSG related subsidence
10:35am	Morning Tea—Thanks to our generous sponsor MACH Energy
11:00am	Mojtaba Rajabi NSW stress mapping
11:20am	Chris Boreham Helium in NSW coal seam gas
11:40am	Brian Roach Ashford coal measures, once a valuable local resource, now internationally isolated and a geological enigma revealed
12:00pm	Malcolm Bocking Conceiving polar terrain cycles and interpreting the evidence in the Sydney Basin
12:20pm	Lunch

With thanks to our generous sponsors





41st Sydney Basin Symposium

Program - Afternoon Session

Chair: Shaun Ayshford

1:20pm	Stephen Fityus, Phil Plentje and Russell Rigby Large scale deep seated complex landsliding within the Narrabeen Group in the Wategan region of NSW
1:40pm	Bob Nicoll, Christopher Fielding, Chris Mays, Vivi Vajda, James Crowley, Tracy Frank, Stephen McLoughlin, Malcolm Bocking and Simon Bodorkos A potential 370 ka disparity between the initiation of the Terrestrial and Marine end Permian Mass Extinction events
2:00pm	Phillip Blevin, Bob Nicoll, Malcolm Bocking and Jim Crowley Zircon U-Pb dating establishes temporal linkages between Late Permian volcanic events in the Sydney Basin and New England Orogen prior to the global PT extinction event
2:20pm	Tim McMillan and Titus Murray Faulting and groundwater in the Hawkesbury Sandstone: Examples from the Southern Sydney Coalfields
2:40pm	David Och, Bob Nicoll, Sven Thorin and Ian Graham Identification of a fine 'ash' layer in the Rouse Hill Siltstone Member of the Ashfield Shale: Implications
3:00pm	Brian Andrews The Coalfield Heritage Group and Edgeworth David Museum
3:05pm	Afternoon Tea —Thanks to our generous sponsor Xenith Consulting
3:30pm	Jamie Walters Can you judge a coal by its colour? – A mine geologist's perspective
3:50pm	Ron Boyd and Guy Fleming The Newcastle coastal geotrail
4:10pm	Chris Lauritzen Development of the Mt Pleasant Mine from greenfield project to operating mine
4:30pm	Gwen Stefani Illawarra region geological model
4:50pm	Summary and announcements
5:00pm	Close of day

With thanks to our
generous sponsors

