

DMITRE – IMER
A meeting of the Roundtable for Unconventional Gas Projects, South Australia
Monday 2nd - Wednesday 4th December 2013
Hickinbotham Hall
National Wine Centre, Corner of Botanic & Hackney Roads, Adelaide
Working Group Meetings, Industry Practice and Research Needs

Day 1 Monday 2nd December - Industry Practice Theme DMITRE - PESA - SPE - ASEG - IMER (Wine Centre)			
08.30am - 09.30am	<ul style="list-style-type: none"> • Presentation – what's new • Update of Roadmap Working Groups 	DMITRE and Work Group Members	Barry Goldstein Work Group Leaders
09.30am - 09.45am	MORNING BREAK		
	Cooper Basin Operating Company Project Updates		
09.45am - 10.10am	Project Update	Santos Limited	Carl Greenstreet
10.10am - 10.35am	Project Update	Beach Energy	Mark Pitkin
10.35am - 10.55am	Project Update	Senex Energy	To Be Confirmed
10.55am - 11.15am	Project Update	Strike Energy	Chris Thompson
11.15am - 12.00pm	Stakeholder Engagement	Beach Energy	Tim Flowers
12.00pm - 12.45pm	Water Management	Santos	Leigh Staines
12.45pm - 01.30pm	LUNCH		
01.30pm - 02.15pm	Logistics / Infrastructure (Shale Rail)	Genessee & Wyoming	Mark Hastings
02.15pm - 03.00pm	Resource Estimation / Booking	DeGolyer & MacNaughton	Hamish Nicol
03.00pm - 03.15pm	BREAK		
	Service Company Panel On Best Practice		
03.15pm - 04.15pm	Panel on Best Practice technologies for Unconventional Development	Halliburton	Jim McGowen
		Schlumberger	Art Bonett
		Baker Hughes	Steven Travers
		Condor Energy	Christian Lange
04.15pm - 05.00pm	DMITRE Wrap Up and Discussion	DMITRE	Barry Goldstein

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Day 2 Tuesday 3rd December - Research Theme - Unconventional gas in the Cooper Basin presents challenges for its successful economic exploitation including high differential stress, high temperature and depositional environment. This symposium seeks to discuss research that may address these challenges and those of other basins in the central corridor of Australia.		
08.30am - 10.00am	Barry Goldstein (DMITRE)	Update of Roadmap Working Groups (not part of research presentations below)
08.30am - 10.00am	Stephen Grano (UoA)	Research Posters
10.00am - 10.30am	MORNING BREAK and RESEARCH POSTERS	
10.30am - 10.35am	Stephen Grano (UoA)	Welcome and Introductory Remarks
EXPLORATION and TARGETING – Chaired by Stephen Grano (UoA)		
10.35am - 11.00am	Neil Sherwood (CSIRO)	Unconventional Gas R&D at CSIRO: exploration to production
11.00am - 11.20am	Kathryn Amos (UoA)	Unconventional reservoirs and analogues research
11.20am - 11.40am	Martin Kennedy (UoA)	Geological controls of unconventional
11.40am - 12.00pm	Ros King (UoA)	In-situ stress field and natural fractures in Australian basins
12.00pm - 12.20pm	Hani Abul Khair (UoA)	Permeability targeting through geomechanics and advanced seismic interpretation
12.20pm - 01.00pm	LUNCH and RESEARCH POSTERS	
PRODUCTIVITY – Chaired by TBA (DMITRE)		
01.00pm - 01.20pm	Graham Heinson (UoA)	Electrical geophysics applications in unconventional energy resources
01.20pm - 01.40pm	Alex Badalyan (UoA)	Optimising unconventional reservoir productivity
01.40pm - 02.00pm	Chaoshui Xu (UoA)	Heterogeneity and permeability in unconventional energy resources
02.00pm - 02.20pm	Rossen Sedev (UniSA)	Nanotechnologies to optimise productivity from unconventional reservoirs
02.20pm - 02.40pm	AFTERNOON BREAK and RESEARCH POSTERS	
ENVIRONMENT and INFRASTRUCTURE Chaired by Audrey Levine (Flinders University)		
02.40pm - 03.00pm	Audrey Levine (Flinders University)	Environmental stewardship across the unconventional energy lifecycle
03.00pm - 03.20pm	Craig Simmons (Flinders University)	Unconventional gas: Groundwater issues and opportunities
03.20pm - 03.40pm	David Ottaway (UoA) Martin Kennedy (UoA)	Advanced sensor applications in unconventional resources Fugitive Emission Measurements
03.40pm - 04.00pm	Angus Simpson (UoA)	Water infrastructure optimisation
POLICY and ECONOMICS – Chaired by Barry Goldstein (DMITRE)		
04.00pm - 04.15pm	Navinda de Silva (UCL Australia)	Shale gas development challenges and policy implications
04.15pm - 04.30pm	Quentin Grafton, Australian National Institute of Public Policy, ANU	Economics of gas extraction
SUMMARY and DISCUSSION – Chaired by Stephen Grano (UoA)		
04.30pm - 05.00pm	Industry Feedback	Key industry personnel to summarise, integrating industry's priorities for research
05.00pm - 05.15pm	Barry Goldstein (DMITRE)	Next steps in the definition of R&D priorities
05.15pm - 06.00pm	RESEARCH POSTERS	
06.00pm - 08.00pm	COCKTAIL PARTY AT AYERS HOUSE – please join IMER for a substantial cocktail menu served in this historic mansion.	

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Day 3 Wednesday 4th December - Tours for interested parties DMITRE - IMER - Wark		
08.30am - 10.10am	Barry Goldstein (DMITRE)	Update of Roadmap Working Groups (at the National Wine Centre)
10.10am - 10.30am	MORNING BREAK	
10.30am - 10.45am	Transported by bus to University of Adelaide	
10.45am - 12.30pm	Tour of the University of Adelaide research facilities	
12.30pm - 01.00pm	LUNCH at University of Adelaide	
01.00pm - 02.00pm	Delegates transported by bus to University of South Australia, Mawson Lakes Campus	
02.00pm - 03.30pm	Tour of the Ian Wark Research Institute, University of South Australia	
03.30pm - 04.00pm	AFTERNOON TEA at the Ian Wark Research Institute, University of South Australia	
04.00pm - 05.00pm	Delegates transported back to city	
07.00pm	DINNER AT JOLLEYS BOATHOUSE – for those of you staying on in Adelaide for the Ashes please join IMER for a pre-cricket dinner at Jolleys Boathouse offering the very best in riverside dining.	