



First Annual Conference: Uncovering the Future I Hahndorf, South Australia, 20-24 November 2011

Draft Program

For additional conference information and online booking: www.detcrc.com.au

Sunday 20th November		
Those arriving on Saturday 19 th November need to book their own accommodation. Conference accommodation via the online conference registration form is available from Sunday 20 th November.		
7.30 am — 5.30 pm	Field Trip: Rex Minerals Hillside Discovery Coach departs from Adelaide City location Coach returns to Hahndorf (conference accommodation) Limited numbers, booking required via online conference registration form	Steve Hill, James Cleverley and others
2.00 pm — 5.00 pm	Workshop: Seismic Data Acquisition, Processing and Interpretation in the Hard Rock Environment To be held at the University of Adelaide, North Terrace, Adelaide. Coach transfers to Hahndorf provided at conclusion of workshop. Limited numbers, booking required via online conference registration form	Milovan Urosevic and others

Monday 21st November		
Attendance at the Conference on Monday 21 st and Tuesday 22 nd November is restricted to DET CRC researchers, participants and affiliates, except for the public launch of the Brukunga Drilling Research and Training Facility. Attendance is open to all on Wednesday 23 rd November. In all cases booking is required via the online conference registration form.		
9.00 am	Coach transfer from Adelaide Airport and Adelaide City to Hahndorf	
9.30 am — 10.30 am	Morning Coffee, Conference and Hotel Registration on Arrival in C3 Foyer	
10.30 am — 12.00 pm	DET CRC Project Summaries Session	Chairs: Gary Cavanough & Christian Dupuis
10.30 am	Project 1.1: Next Generation Drilling Technologies	Brian Evans/Gary Cavanough
10.45 am	Project 1.2: Fundamentals of Rock Fragmentation	Thomas Richard
11.00 am	Project 1.3: Drilling Optimisation	Gary Cavanough
11.15 am	Project 1.4: Brukunga Drilling Research and Training Facility	Peter Kanck
11.30 am	Project 2.1: In Front of Bit Imaging	Binzhong Zhou
11.45 am	Project 2.2: Sensors for Rapid Down-Hole Rock Characterisation	Steven Fraser
12.00 pm — 1.00 pm	Lunch in C3 Foyer and Garden	
1.00 pm — 2.30 pm	DET CRC Project Summaries Session (continued)	Chairs: Christian Dupuis & David Giles
1.00 pm	Project 2.3: Integration of Geophysical and Petrophysical Data	Richard Chopping
1.15 pm	Project 2.4: Joint Inversion of 3D Seismic Data and MT Data	Graham Heinson
1.30 pm	Project 3.1: 3D Seismic Exploration for Hard Rock Environments	Milovan Urosevic
1.45 pm	Project 3.2: Hypogene Alteration	James Cleverley
2.00 pm	Project 3.3: Geochemical Sampling of Deep Cover	Steve Hill
2.15 pm	Project 3.4: South Australian Data Integration	John Keeling
2.30 pm	Coach transfer from Hahndorf to Brukunga	
3.00 pm — 5.00 pm	Launch of Brukunga Drilling Research and Training Facility and Technology Demonstrations Launch by the Hon Jay Weatherill	
5.00 pm	Coach transfer from Brukunga to Hahndorf	
5.30 pm — 7.00pm	Free time & time for ad hoc meetings	
7.00 pm	Informal Dinner at German Arms Hotel, Hahndorf Booking required via online conference registration form	



Tuesday 22nd November

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8.00 am — 1.00 pm		Parallel DET CRC Project Review Sessions		
	Program 1: C3 Main Hall	Program 2: C3 Chapel Room	Program 3: Kirkbee Business Centre	
8.00 am	Project 1.1	Project 2.1	Project 3.1	
9.00 am	Project 1.2	Project 2.2	Project 3.2	
10.00 am — 11.00 am Morning Coffee in C3 Foyer and Garden				
10.15 am — 11.00 am	Supplier Affiliate College Meeting (Supplier Affiliate College Members Only)	Junior Explorer Affiliate College Meeting (Junior Affiliate College Members Only)	Survey Affiliate College Meeting (Survey Affiliate College Members Only)	
11.00 am	Project 1.3	Project 2.3	Project 3.3	
12.00 pm	Project 1.4	Project 2.4	Project 3.4	
1.00 pm — 2.00 pm Lunch at The Haus, 38 Main Street (Mount Barker Road) Hahndorf				
2.00 pm — 2.30 pm One Minute PhD Thesis Competition			Chair:	
2.30 pm — 3.45 pm Affiliates Session (Open to All)			Chair: Joe Cucuzza	
2.30 pm DET CRC and the Junior Explorer Affiliate College			Tony Belperio	
2.45 pm DET CRC and the Supplier Affiliate College			Phil Teakle/Gordon Stewart	
3.00 pm DET CRC and the Survey Affiliate College			Ned Stolz	
3.15 pm Affiliates Discussion			Open	
3.45 pm — 4.15 pm Afternoon Tea in C3 Foyer and Garden Photograph of Conference Delegates				
4.15 pm — 5.45 pm Science Steering Committee Meeting Science Steering Committee Members Only			Chair: Richard Hillis	
6.30 pm Coach transfer from Hahndorf to Bird in Hand Winery				
7.00 pm 'SA Legends of Rock' Conference Dinner at Bird in Hand Winery MC: Tim Noonan, Channel 7. Guests: Singer Georgia Germein, Author Kristin Weidenbach & Geologist Derek Carter Booking required via online conference registration form				

Wednesday 23rd November

Attendance is open to all on Wednesday 23rd November. Booking is required via the online conference registration form.

There is a \$110 charge for attendance by non CRC participants on Wednesday 23rd November.

Location: C3 Church, Corner Main Street & Auricht Road, Hahndorf, SA 5245.

8.30 am — 9.50 am		Opening Session	Chair:
8.30 am		CEO's Overview of the DET CRC	Richard Hillis, CEO DET CRC
9.00 am		Conference Keynote: The Deep Earth Discovery/Mining Challenge — reflections and thoughts	Dan Wood, Non-Executive Director, Highlands Pacific Group and former Executive General Manager Exploration, Newcrest
9.30 am		Dispersion Halos Around Mineral Deposits: Setting the Specs for MinEx Logging & the Exploration Lab-On-The-Rig	David Giles, DET CRC, University of Adelaide
9.50 am — 10.10 am Morning Coffee in C3 Foyer and Garden			
10.10 am — 11.30 am		State-Of-Art Session	Chair:
10.10 am		Mineral Deposits and Halos: Their Detectability by Geochemical Logging	Steve Fraser, DET CRC, CSIRO
10.30 am		Magnetotellurics in Petroleum & Mineral Exploration	Graham Heinson, DET CRC, Uni. of Adelaide
10.50 am		Seismic Methods in Brownfields Mineral Exploration	Milovan Urošević, DET CRC, Curtin University
11.10 am		Geochemical Sampling of the Cover	Steve Hill, DET CRC, University of Adelaide
11.30 am — 11.50 am Morning Coffee in C3 Foyer and Garden			
11.50 am — 12.30 pm		Future Blueprints Session	Chair:
11.50 am — 12.10 am		Blueprint for the Greenfields Exploration Drilling Rig of the Future	Gary Cavanough, DET CRC, CSIRO
12.10 am — 12.30 pm		Blueprint for the Exploration Lab-On-The-Rig of the Future	James Cleverley, DET CRC, CSIRO
12.30 pm — 1.30 pm Lunch in C3 Foyer and Garden			
1.30 pm — 3.00 pm		State-Of-Their-Art Session	Chair:
1.30 pm		Photonics and its Potential in Mineral Exploration	Tanya Monro, University of Adelaide
2.00 pm		Image Logging in the Petroleum Industry	Scott Mildren, JRS Petroleum Research
2.30 pm		Coiled Tubing Drilling in Coal Seam Gas Exploration	Michael Bill, Savanna Energy
3.00 pm — 3.30 pm Afternoon Tea in C3 Foyer and Garden			
3.30 pm — 4.45 pm		Closing Session	Chair:
3.30 pm		Remote Technology Demonstrations from the Drilling Research and Training Facility	Peter Kanck, DET CRC, Boart Longyear
4.15 pm		Chair's Reflections on the DET CRC	Tom Whiting, Chair DET CRC
4.45 pm		Conference Close	
5.00 pm Coach transfer from Hahndorf to Adelaide City and Adelaide Airport			

Thursday 24th November

9.00 am — 11.00 am		Tour of Boart Longyear Facility and DET CRC Headquarters at Adelaide Airport Booking required via online conference registration form
11.00 am — 1.00 pm		Meeting of DET CRC Education and Training Committee at Boart Longyear Facility Education and Training Committee Members Only
2.00 pm — 4.00 pm		Meeting of DET CRC Executive Committee at Boart Longyear Facility Executive Committee Members Only