

19th

# Mechanical Engineering Safety Seminar

## OHS Coping with changing technology

Wednesday–Thursday

5-6 August 2009

WatervieW Convention Centre

Sydney Olympic Park, Homebush



# OHS

### Day one – Wednesday 5 August 2009

8:30 Registration

9:00 Session one

- *Opening address* – Rob Regan, Director of Mine Safety Operations and Chief Inspector, NSW Department of Primary Industries
- *Proximity detection system - the system application of digital tracking technology for an additional level of control around vehicles* – Denis Kent, Business Development Manager, Mine Site Technologies
- *Airpower: Maintaining the capability* – Graeme Davies, Group Captain, Director Maintenance (A9) Headquarters Air Command, RAAF Glenbrook
- *Decisions, Decisions, aiming for ALARP* – Tilman Rusche, Senior Inspector of Mines, QLD Department of Mines and Energy

10:55 Morning tea

11:15 Session two

- *Driving the human mind highway* – Corrie Pitzer, CEO, SAFEmap Australasia
- *Design processes for safety in coal seam methane and CO<sub>2</sub> geo-sequestration projects* – Ian Black, Engineering Manager, AGR Group
- *Technology advances in mine winders* – Anders Täqvist, ABB Underground Mining Department, Västerås Sweden

12:55 Lunch

13:35 Session three

- *Life after workplace injury* – Kahi Puru & Nigel Smith Paralympian, WorkCover Facilitator – Tony Linnane, Industry Standards and Practice Manager, NSW Department of Primary Industries
- *Enhanced safety by mechanical innovation* – Barry Hearn, Cadia Valley Operations, Newcrest Mining

15:05 Afternoon tea

15:20 Session four

- *Competence of maintenance people, an industry perspective* – Alistair Christie, Hitachi Construction Machinery (Aust)
- *Next phase for virtual reality training and assessment* – Bruce Dowsett, Coal Services
- *Mechanical Audits (longwall)* – Chris Gearing, NSW Department of Primary Industries

17:00 Close

### Day one – Conference Dinner

18:30 - 19:00 Pre dinner drinks - ANZ Stadium

19:00 - 23:00 Conference dinner - ANZ Stadium

### Day two – Thursday 6 August 2009

8:30 Registration

9:00 Session one

- *CMMS Delivering a safer product* – John Benson, Boral Resources NSW
- *How advanced longwall automation systems affect longwalling safety* – Ian Rea & Kenny McCallum, Joy Mining Machinery
- *Cummins mobile off-highway emission technology development* – James Elfter & Michael Hickling, Cummins South Pacific
- *Audit of supervisor non technical skills* – Paul Healey, General Manager, Mines Rescue Service and Regulation & Compliance, Coal Services

10:55 Brunch

11:20 Session two

- *Technology changes in modern earthmoving machinery* – Jim Davey, Caterpillar Inc.
- *Modern conveyor technology, benefits and challenges* – Bruce Gerard & Brad Lawson, Infrastructure Group, Laing O'Rourke
- *Improvements in the reliability of mechanical plant through the use of finite element analysis techniques* – Bevan McLachlan & Mark Kingshott, Managing Director, Waratah Engineering
- *Keeping fans under control* – Greg Connolly, Tahmoor Colliery
- *Mechanical engineering management plan audits* – Noel Harden, NSW Department of Primary Industries

13:55 Seminar closed

**Disclaimer: program subject to change**

**Seminar ID badges must be worn for entry to all seminar events**

### Accommodation

Visit [www.sydneyolympicpark.com.au/visiting/accommodation](http://www.sydneyolympicpark.com.au/visiting/accommodation)

### Further information

Visit [www.dpi.nsw.gov.au/minesafety](http://www.dpi.nsw.gov.au/minesafety)

### Dinner speaker

Steven Bradbury is an Olympic gold medalist winning the mens 1000m speed skating event at the 2002 Salt Lake City Winter Olympic Games

Steven featured on the variety program 'Dancing with the stars' in 2005 and was awarded the Order of Australia Medal in 2007. Steven will entertain the delegates at the conference dinner on Wednesday night with insights into his life and experiences.

[www.dpi.nsw.gov.au/minesafety](http://www.dpi.nsw.gov.au/minesafety)



NSW DEPARTMENT OF  
PRIMARY INDUSTRIES

# Registration Form/Tax Invoice

5-6 August 2009

## Registration details

### Company details

Company:	
Company contact (for payment):	
Email:	
Postal address:	
State:	Postcode:
Phone:	Fax:

### 1st attendee

Surname:
Given name:
Email:
Phone:

### 2nd attendee

Surname:
Given name:
Email:
Phone:

### Additional attendees

Surname:
Given name:
Email:
Phone:

### Privacy statement

In registering for this seminar relevant details will be included in a Delegate List to be distributed at the conference for the benefit of all delegates. Please tick the Privacy Box below if you do **not** wish to have your details included on this list.

Privacy Box

## Registration fees (GST Inclusive)

### 1<sup>st</sup> attendee

Day 1 Seminar	■ \$435 registration	■ \$385 MEMMES members	<input type="text"/>
Day 1 Dinner	■ \$80		<input type="text"/>
Day 2 Seminar	■ \$215 registration	■ \$190 MEMMES members	<input type="text"/>
Full Seminar including dinner	■ \$730 registration	■ \$655 MEMMES members	<input type="text"/>
Total Cost \$			<input type="text"/>

### 2nd attendee

Day 1 Seminar	■ \$390 registration	■ \$340 MEMMES members	<input type="text"/>
Day 1 Dinner	■ \$80		<input type="text"/>
Day 2 Seminar	■ \$195 registration	■ \$170 MEMMES members	<input type="text"/>
Full Seminar including dinner	■ \$665 registration	■ \$590 MEMMES members	<input type="text"/>
Total Cost \$			<input type="text"/>

### additional attendees

Day 1 Seminar	■ \$380 registration	■ \$330 MEMMES members	<input type="text"/>
Day 1 Dinner	■ \$80		<input type="text"/>
Day 2 Seminar	■ \$190 registration	■ \$165 MEMMES members	<input type="text"/>
Full Seminar including dinner	■ \$650 registration	■ \$575 MEMMES members	<input type="text"/>
Total Cost \$			<input type="text"/>

**Total payment \$**

Note: Discount for MEMMES members only where membership is current. For registration details go to [www.engineersaustralia.org.au](http://www.engineersaustralia.org.au) then 'Learned Groups', 'Technical Societies', 'MEMMES'

## Please forward this form to:

Mechanical Engineering Safety Seminar  
Mine Safety Performance Branch  
NSW Department of Primary Industries  
PO Box 344 Hunter Region Mail Centre NSW 2310  
Fax to: 02 4931 6790  
Email to: minesafety.seminars@dpi.nsw.gov.au

## Methods of payment

All funds payable to NSW Department of Primary Industries  
ABN 51 734 124 190

### Method of payment

- Option 1** – I am faxing my registration now and a cheque will follow
- Option 2** – Cheque is enclosed (made out to NSW Department of Primary Industries)

- Option 3** – I wish to pay by EFT  
BSB: 032-001  
Account number: 112975  
Account name: NSW Department of Primary Industries - Operating  
(Please forward a copy of your remittance slip with this advice)
- Option 4** – Please charge my credit card:
- Bankcard     Mastercard  
 Visa     AMEX

Cardholder's name: \_\_\_\_\_

Phone: \_\_\_\_\_

Card No.:

Expiry date:  /  Amount:

Cardholder's signature: \_\_\_\_\_