

Eastern Australia Ground Control Group (EAGCG)

january 2010



Formation

- ▶ The Eastern Australia Ground Control Group (EAGCG) was inaugurated at a ground control workshop held in Sydney on 28 May 2002, attended by 40 registrants from a broad spectrum of the Mining Industry.
- ▶ EAGCG Membership is open to all persons who attend any of the EAGCG Workshops and to all persons interested in ground control in mining in Australasia.
- ▶ The main purpose of the EAGCG is to act as a forum for the discussion and dissemination of ground control information for Eastern Australian mines.
- ▶ Its work will complement that of the Ground Control Group (WA), which held its inaugural meeting in February 1999.

Extract of Charter

- ▶ The Charter given to the EAGCG Committee includes:
 - To hold technical meetings, mine tours and workshops at various mining centres in Eastern Australia (or nearby cities).
 - To charge all attendees an appropriate registration fee that returns a small surplus to cover operating costs
 - To hold a brief general meeting of EAGCG members as part of one annual EAGCG workshop.
 - To provide a forum for ground control practitioners to exchange ideas in an informal environment and to provide a technical support network for isolated members.

The Committee

- ▶ Until the 2010 AGM, management of the EAGCG is vested in the following committee members:
 - Meredith Goss, Coffey Mining (President)
 - Kate Williams, Lihir Gold Ltd (Secretary)
 - Anna Gentle, BHP Cannington, (Treasurer)
 - Anthony DeVeth , Australian Mining Consultants
 - Claudia Graf, Newmont, Tanami Operations
 - Kevin Holley, SRK
 - Ben Jones, Halcrow Pacific
 - Tony Meyers, Rocktest Consulting
 - Jacqui Monk, Xstrata Copper, Mt. Isa
 - Adrian Pilcher, DYWIDAG Systems International (DSI)
 - Ben Roache, MiningOne
 - Des Vlietstra, Elasto Plastic Concrete

Membership

- ▶ Includes everyone who attends a meeting
- ▶ Mining companies
- ▶ Equipment and material suppliers
- ▶ Consultants
- ▶ Mining Regulators
- ▶ No annual membership fee

Meetings

- ▶ Aim to hold at least 2 meetings annually, including 1 AGM usually in October / November with the other meeting in April / May.
- ▶ Meetings are (as far as possible) distributed around the eastern states of Australia.
- ▶ Meeting venues alternate more-or-less between capital cities and regional centres.
- ▶ Meetings
 - go for two days;
 - comprise at least 12 presentations on specific topics;
 - include at least two site visits to nearby mines;
 - include a meeting dinner;
 - are priced very competitively to encourage participation.

Past Meetings

- ▶ May 02: Sydney – incorporation
- ▶ Oct 02: Bendigo – general issues
- ▶ May 03: Mt Isa – Rock Mass Classification Systems (Barton)
- ▶ Nov 03: Sydney – Education and Training
- ▶ May 04: Olympic Dam - Open Stope Design and Stability
- ▶ Nov 04: Hunter Valley – Subsidence (joint meeting with MSTs)
- ▶ May 05: Orange – Legal Liability and the Geotechnical Engineer
- ▶ Nov 05: Melbourne - Shotcrete
- ▶ May 06: Broken Hill - Risk Management
- ▶ Sept 06: Brisbane - The use of rockmass classification systems for underground lateral development
- ▶ Nov 06: Hobart – Corrosion of Ground Support and Shotcrete / Fibrecrete
- ▶ May 07: Townsville - Vertical Development Design, Operation, Repair and Monitoring
- ▶ Nov 07: Adelaide – Leading Edge Technology for Surface and Underground Ground Control
- ▶ May 08: Wollongong - Stress Measurement, Monitoring and Modelling Techniques and their Design Applications
- ▶ Sept 08: Melbourne - Managing Geotechnical Hazards
- ▶ May 09: Cairns - Selecting the Appropriate Ground Support
- ▶ Oct 09: Launceston - Ground vibrations - Blasting & Seismicity & its effect on ground control
- ▶ May 10: TBA

Example of Meeting Programme - Launceston 09

EAGCG

Eastern Australia Ground Control Group

Meeting Enquiries
 Meredith Goss, Honorary Secretary
 Email: Meredith.Goss@coffey.com
 Web: EAGCG-Webpage

Registration and Payments
 c/- The AusIMM
 PO Box 660 Carlton South, Vic,
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 Email: eagcg@ausimm.com.au

Ground Vibrations - Blasting & Seismicity & its Effect on Ground Control

EAGCG LAUNCESTON MEETING PROGRAM The Mercure Launceston TAS Link: Mercure Hotel
 Wednesday 28 October 2009 - Site Tours: Beaconsfield, Savage River & Rosebery, Welcome drinks from 6.30pm at the Mud Restaurant.

Thursday 29 October 2009 - Dinner: Mercure Hotel

Start	End	Session	Presenter	Presentation
8:45	10:00	Session 1	Ben Roache	Session Chair
8:45	9:00	Workshop Opening	Ben Roache	Welcome / House Keeping / Opening Address
9:00	10:00	Keynote 1	Max Lee	Mine Seismicity - A Brief History, Styles, Causes and Outstanding Issues
10:00	10:30	Morning tea		
10:30	12:30	Session 2	Anna Gentle	Session Chair
10:30	11:30	Keynote 2	Kevin Holley	Vibration - What does it mean to miners?
11:30	12:00		Adam Pascale	Using earthquake seismograph technology to improve blast monitoring
12:00	12:30		Alan Day	Managing the seismic risk at Perilya, Broken Hill: Case Study
12:30	13:10	Lunch		
13:10	15:00	Session 3	Tony Meyers	Session Chair
13:10	14:10	Keynote 3	Peter Hills	Observations of the impact of blasting and seismicity on ground support systems at Beaconsfield
14:10	14:40		Glen Sharrock	Estimating ground motion parameters from mine seismic data
14:40	15:00	Discussion session 1		
15:00	15:20	Afternoon tea		
15:20	17:40	Session 4	Kate Williams	Session Chair
15:20	16:20	Keynote 4	Phil Dight	Microseismicity and the influence of rock fracturing on deep open pits
16:20	17:10		Michael Pfitzner	Passive seismic tomography for interpreting induced rock mass damage and stress on a mine scale
17:10	17:40		Willard Zirima	Seismic Monitoring at MMG Rosebery: Case Study
17:30		Drinks /Dinner		

Friday 30 October 2009

Start	End	Session	Presenter	Presentation
8:00	10:00	Session 5	Anthony De Veth	Session Chair / House Keeping
8:00	9:00	Keynote 5	Gary Gibson	Earthquakes and Mining
9:00	9:30		Tony Meyers	Estimating the affect of dynamic loading on a Voussior arch: Case study
9:30	10:00		Dane Blair	Vibration and seismicity
10:00	10:30	Morning tea		
10:30	12:30	Session 6	Adrian Pilcher	Session Chair
10:30	11:30	Keynote 6	Mike Lovitt	Blastings Impact on Seismicity - "The Impetus that can set off an Event"
11:30	12:00		Mike Turner	D-Bolt: Deformable bolt for squeezing rock and burst-prone mines
12:00	12:30		Doug Minchin	Seismic - Resistant Rock Support
12:30	13:10	Lunch		
13:10	15:30	Session 7	Ben Roache	Session Chair
13:10	13:40		Dan or Fardinal	Savage River: Case Study
13:40	14:10		Adrian Penney	Development of Seismic Heading Re-entry Guidelines
14:10	14:25		Adel Vatandoost	Automated Petrophysical Core Logging for Geometallurgical Applications
14:25	14:45	Discussion session 2		
14:45	15:30	EAGCG Meeting Wrap Up / EAGCG AGM	Open to all - opportunity to join the committee	Next meeting theme, keynote speakers, venue etc afternoon tea available during meeting



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Click [here](#) to read about EAGCG Formation, Charter, Committee and Membership, PDF

EAGCG now has its own website, go to: www.eagcg.org. Please email eagcg@ausimm.com.au for further information.

EAGCG News & Events

Workshop and Meeting Thursday 29th and Friday 30th October 2009: Ground vibrations – Blasting & Seismicity & its effect on ground control, PDF.

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Eastern Australia Ground Control Group

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Next Meeting

May 2010 Brisbane. Watch this site for further details.

Formation, Charter, Committe & Membership

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