

EAGCG Workshop Launceston Program – Stress and Seismicity

Thursday 19th March 2015: Peppers Seaport Hotel - Launceston

This day contributes to 7 hours of CPD points

8:30	10:00	Session Chair	Anthony De Veth	Reinforcement / Support
8:30	8:40	Meeting Opening		
8:40	9:00	Samuel Thomas	MMG	Resin Bolt Projectile Failures
9:00	9:20	John Player	WASM	A reinforcement design methodology for highly stressed rockmasses
9:20	9:40	Barry Sturgeon / Paul Clayton	CN&C / EPC	Shotcrete Technology in Coal
9:40	10:00	Mike Turner	Turner Mining & Geotech	Impacts of Mine Seismicity on Mine Design and Planning at Eloise Copper
10:00	10:30	Morning Tea		
10:30	12:50	Session Chair	Tony Meyers	Numerical Modelling / Seismic Monitoring
10:30	11:30	Jonny Sjöberg KEYNOTE	Itasca	Numerical Modelling of Mine Induced Seismicity - A Case Study from the Malmberget Mine
11:30	11:50	Evan Jones	Beck Engineering	Stress, structure and seismicity: real versus perceived hazard
11:50	12:10	Ian Pinnock	ESG	Using Microseismic Software to Perform Real Time & Advanced Analysis
12:10	12:30	David Cuello	Copper Mines of Tas	In-situ measurement of site effect in Underground Tunnels
12:30	12:50	Gerhard Morkel	ACG	The Assessment of Seismic Data Quality
12:50	13:20	Lunch		
13:20	15:20	Session Chair	Peter Hills	Case Studies
13:20	14:20	Prof. Ray Durrheim KEYNOTE	University of Witwatersand	Japanese - South African Collaborative Research in South African Mines to Mitigate Seismic Risks
14:20	14:40	Alex Campbell	Ernest Henry	Seismic Challenges at the Ernest Henry Mine
14:40	15:00	Corne Moller	MICO	Seismic Risk Management
15:00	15:20	Erin Sweeney	Century	Monitoring Seismicity in Large Scale Wall Failure at Century Mine
15:20	15:50	Afternoon Tea		
15:50	16:50	Session Chair	Robyn Teet	Stress Measurement & Other
15:50	16:10	Ken Mills	SCT	30 years of overcoring stress measurement w/ the ANZI cell & recent developments
16:10	16:30	Phil Dight KEYNOTE	ACG	In Situ Stress Measurement
16:30	16:50	Bre-Anne Sainsbury	Monash Uni	Stope Design Methods
18:00		Drinks / Dinner		Peppers Seaport Hotel

Friday 20th March 2015: Peppers Seaport Hotel - Launceston

This day contributes to 4.5 hours of CPD points

9:00	10:00	Session Chair	Jacqui Purcell	Case Studies
9:00	9:20	Jonny Sjöberg KEYNOTE	Itasca	Seismicity in the Kiruna Sublevel Caving Mine - A Review
9:20	9:40	Ben Roache	Mining One	Mining in Highly Stressed Anisotropic Conditions at Henty Mine
9:40	10:00	Andrea Jager	Cadia	Seismic History of PC1 Cave Trough to Surface at Cadia East
10:00	10:30	Morning Tea		
10:30	12:20	Session Chair	Alex Campbell	Seismic Monitoring
10:30	10:50	Ian Pinnock	ESG	Improving Accuracy in Seismic Data Processing & Analysis
10:50	11:10	Stephen Meyer	IMS	Forensic Analysis of Large Seismic Events
11:10	12:10	Dr Dmitry Malovichko KEYNOTE	IMS	Quantification of Discrepancy between Numerical Stress Models and Seismic Data
12:10	12:20	Anthony De Veth		AGM
12:20	12:50	Lunch		
12:50	14:40	Session Chair	Des Vlietstra	Rock Failure Mechanisms
12:50	13:50	Phil Dight KEYNOTE	ACG	Strain Burst and Support
13:50	14:10	Dr Abbas Taheri	Uni of Adelaide	Rock Fatigue due to Cyclic Loading of Intact Rocks
14:10	14:30	Prof. Ray Durrheim KEYNOTE	University of Witwatersand	Progress in implementing rockburst control strategies of prevent, protect and predict
14:30	14:40	Meeting Wrap Up	Open to All	Next meeting theme, keynote speakers etc

