

## EAGCG Workshop Melbourne Program – Software used in Geotechnical Engineering

Thursday 13<sup>th</sup> March 2014: Windsor Hotel, Melbourne

9:00	10:10	<b>Session 1</b>	<b>Anthony De Veth</b>	<b>Session Chair</b>
9:00	9:10	Anthony De Veth		Welcome / Housekeeping / Opening Address
9:10	9:30	Glenn Sharrock	Itasca	Recent Developments in 3D inelastic modelling relevant to site engineers and consultants
9:30	9:50	Ryan Veenstra	AMC	Modelling the development of stresses in a cemented paste backfilled stope
9:50	10:10	Tharner Yacoub	Rocscience	New features in RS3, Swedge and RocFall
10:10	10:40	<b>Morning Tea</b>		
10:40	12:00	<b>Session 2</b>	<b>Jacqui Monk</b>	<b>Session Chair</b>
10:40	11:10	Stephen Meyer	IMS	Using IMS Vantage to Understand the Behaviour and State of the Rockmass
11:10	11:40	Lachlan Campbell	Ground Probe	SSR Viewer 8 Software Case Study: Using Stacked Alarms for Safety Critical Monitoring
11:40	12:00	Ross Seedsman	Seedsman Geotechnics	Practical Strength Criterion for Coal Mine Roof Support Design in Laminated Soft Rocks
12:00	12:30	<b>Lunch</b>		
12:30	15:05	<b>Session 3</b>	<b>Tony Meyers</b>	<b>Session Chair</b>
12:30	12:55	Frans Basson	Basrock	Making Sense of Geotechnical Data with GEM4D
12:55	13:25	Jonathan Graham	CAE Mining	Sirovision - An Essential Tool for Geotechnical Analysis
13:25	14:05	Mark Elmouttie	CSIRO Sirovision	Digital Techniques for Characterising Structurally Controlled Wall Failures
14:05	14:35	Doug Minchin	Rock Australia	Has radical radar software removed ground movement uncertainty
14:35	15:05	Jason Richards	Maptek	Geotechnical Software Solutions for Laser Scanning
15:05	15:35	<b>Afternoon Tea</b>		
15:35	16:30	<b>Session 4</b>	<b>Adrian Pilcher</b>	<b>Session Chair</b>
15:35	15:55	Ben Pang / Sarra Hayes	Geohart	Geotechnical Block Modelling Techniques and Related Issues
15:55	16:30	Dave Beck	Beck Engineering	Discontinuum Finite Element Modelling
18:00		<b>Drinks / Dinner</b>		<b>Windsor Hotel, Melbourne</b>

Friday 14<sup>th</sup> March 2014: Windsor Hotel, Melbourne

9:00	10:35	<b>Session 1</b>	<b>Anthony De Veth</b>	<b>Session Chair</b>
9:00	9:30	David Wines	Itasca	Numerical Modelling for Open Pit Slope Stability
9:30	9:55	Frans Basson	Basrock	Input parameters for Rockfall Modelling with Rigid Body Dynamic Physics
9:55	10:15	Robyn Teet	AMC	Integration of Industry Software for the Advancement of Bench Scale Slope Stability Analysis
10:15	10:35	Klaus Thoeni	University of Newcastle	Rockfall Analysis for Highwalls with Drapery Systems
10:35	11:05	<b>Morning Tea</b>		
11:05	12:25	<b>Session 2</b>	<b>Tony Meyers</b>	<b>Session Chair</b>
11:05	11:25	Jonathan Graham	CAE Mining	The Use of Software to Create Geotechnical Block Models
11:25	11:45	Bre-Anne Sainsbury	Castlemaine Goldfields Limited	Numerical Investigation of Pillar Recovery Adjacent to Stabilised Rockfill at the Ballarat Gold Project
11:45	12:05	Jason Richards	Maptek	Design Conformance for Geomechanical Stability
12:05	12:25	Gordon Swebey	ACG	Ground Support Systems Optimisation Project - ACG
12:25	12:55	<b>Lunch</b>		
12:55	14:35	<b>Session 3</b>	<b>Jeremy Doolan</b>	<b>Session Chair</b>
12:55	13:25	Ken McNabb	Mine Modelling	History of Modelling in Australia
13:25	13:55	Rob Walton	Top Rock Tech.	Field Measurements in Geomechanics - why and how easy?
13:55	14:15	Ashley Van Krieken	M-Tex	Advances in Fibres and Textile Technologies and their Application to the Mining and Resources Sector
14:15	14:35	Meeting Wrap Up	<b>Open to All</b>	Next meeting theme, keynote speakers etc
14:35	15:05	<b>Afternoon Tea</b>		

