

EAGCG Workshop - New Technology, Getting smarter in these challenging times

Day 1 Thursday 13th October 2016

Welcome Coffee and Tea		
Session 1	Tony Meyers	
Diane Mather / Harry Ashe	Aurecon Jacobs	TBM for Mine Declines
Penny Stewart	Petra Data Science	Machine Learning for Geotechnical Engineering
Delia Sidea		Enhancing Shaft Empirical Design – Laser Scans and High Definition Camera Surveys
	Fosterville	Bespoke Drone for Slope Inspection
Morning Tea		
Session 2	Jeremy Doolan	
Erik Eberhardt	KEYNOTE	Transitioning from Open Pit to Underground Mass Mining
Adrienne Brown	Theiss	UAVs for Highwall Mapping
Christian Holland	Scuttles	"It's a Chart Jim But Not as We Know It"
Steven Mickelthwaite	Monash University	Drone Technology and Applications to Geotechnical Problems
Lunch		
Session 3	Erin Sweeney	
Phillip McClelland	Ultramag	Four Disruptive Exploration Technologies
Tim Hopper	MNRSA	NMR - A Cost Effective Method to Understand Groundwater and Moisture
Ian Grey	Sigra	Measuring the Right Parameters - Stress/Strain, Fluid Pressure, Permeability & Material Properties
Ken Mills	SCT	Remote Monitoring
Rhett Hassell / Jack Carswell	Dugald River	Geotechnical Input - From Feasibility to Construction
Afternoon Tea		
Session 4	Bre-Anne Sainsbury	
Alex Campbell		Marker Project and Fragmentation Scanning
Simon Steffan	Elexon	Cave Tracker Marker / Open Pit Wall Monitoring
Rhett de Vries	MMG	
Jason Richards	Maptech	Monitoring Systems: An Actual Case Study from a Hard Rock Mine
Gerrit Olivier	IMS	
Drinks / Dinner	Marriot Hotel	

Day 2 Friday 14th October 2016

Session 1	Morteza Ghamgosar	
Albert Cabrejo	Ground Probe	Technical differences using 3DRAR, 2DRAR and 2DSAR. Advantages and Disadvantages of each Technology
Evan Jones	Beck Engineering	The Use of Mobile Laser Scanning Devices for Deformation Monitoring
Penny Stewart	Petradatascience	Calibrating Numerical Models with Lidar Data
Stephen Meyer	IMS	Routine Evaluation of Seismic Hazard
Willem De Beer	ESG	Implementation and applications of 3D seismic velocity models
Morning Tea		
Session 2	Robyn Teet	
Erik Eberhardt	KEYNOTE	Managing Large Open Pit Rock Slope Hazards
Harpreet Singh	Cannington	New Technologies in Instrumentation Monitoring
Chris Chester	Cadia	Development of a Geotechnical Instrumentation Model
Frans Basson	Basrock	Data visualisation: The Good, the Bad and the Ugly
Jacob de Lacey	Leapfrog	Leapfrog Software for Geotechnical Applications
Lunch		
Session 3	Des Vliestra	
Gordon Sweby	ACG	Modelling of Instrumented Shotcrete
Niki Jackson	GCP Applied Technologies	New Technologies in Chemical Admixtures for use in Shotcrete
Christina Rurak	Cannington	Advances in Pastefill Binders
Jake O'Brien	Active Minerals	Paste and Aggregate Fill - Redefining the Problem
Ben Jones	i2t	Resin Bolt Installation - QA/QC
Trent Roberts	Jennmar	Measuring Installed Cable Loads Using a SmART Cell
John Bolton	Orica	Recent and Novel applications of Enduro / Carbothix
Meeting Wrap Up	Open to All: Next meeting and AGM	
Afternoon Tea		