



BOHOGS/BBUGS ACARP Presentation Day

21st June 2018



TIME	ACARP PROJECT	ACTIVITY	PRESENTER	ORGANISATION
7:30 AM		Coffee/Registration		
Presentations 1: UG Projects. Session Chair: Richard Campbell				
8:00 AM		Welcome from BOHOGS and BBUGS		
8:15 AM	C25059 & C25060	Intrinsically Safe, Integrated Wireless Communications Network with a Distributed Array of Geotechnical Sensors Borehole Shear Monitoring Device for Routine Application in Roadways	Stuart MacGregor	SCT Operations
8:45 AM	C25057	Review of Rib Failure Mechanisms and Performance of Rib Support	Yvette Heritage	SCT Operations
9:15 AM		Enhancing the understanding of the interaction between the ground and ground support elements in variable geotechnical environments through roof extensometer data	Jason Emery	University of New South Wales & ACARP
9:45 AM		Morning tea		
Presentations 2: UG Projects. Session Chair: Dave Wallis				
10:05 AM	C25062	Roadway Stability Monitoring System	Chad Hargrave	CSIRO
10:35 AM	C24012	Shear Testing of the Major Australian Cable Types under Different Pretension Loads	Ali Mirza	University of Wollongong
11:05 AM	C20038	Standardised Subsidence Information Management System	Gang Li	NSW Department of Industry
11:35 AM	C26063	Reliable Estimation of Horizontal Stress Magnitudes from Borehole Breakout Data	Joung Oh & Bill Lin	University of New South Wales
12:05 PM		Lunch		
Presentations 3: UG/OC Projects. Session Chair: Alison McQuillan				
12:45 PM	C25025	Guidelines for Estimating Rock Mass Strength from Laboratory Properties	Ismet Canbulat & Joan Esterle	University of New South Wales & University of Queensland
1:05 PM	C25040	Shear Strength Characterisation of In Pit Mud to Ensure Low Wall Stability	David Williams & Timothy Vangsness	University of Queensland
1:25 PM	C26033	Geotechnical Hazard Awareness Video for Open Cut Coal Mines	Ismet Canbulat & Alison McQuillan	University of New South Wales
1:45 PM	C27046 & C27011	True Deformation Vector from Slope Radar Monitoring Predicting the Impact of Complex Joint Structures on Mine Operations	Marc Elmoultie & Anna Giacomini	CSIRO & University of Newcastle
2:15 PM		Afternoon tea		
Presentations 4: OC Projects. Session Chair: Kathryn Young				
2:35 PM		New Methodology for Estimating the Likelihood & Consequence of Excavated Slope Failure in an Open Cut Coal Mine	Alison McQuillan	University of New South Wales & ACARP
3:05 PM	C26019	Prediction of Long Term Erosion at Pit Walls	Sue Henderson	Henderson Geotech
3:35 PM	C26030 & C27057	Improved Structural Mapping of Pit Walls using UAV Based Mobile Laser Scanning	Simit Raval/Ismet Canbulat	University of New South Wales
4:05 PM	C26032	Autonomous Sensors for Evaluation of Groundwater in Spoil Dumps and Tailings Dams	Fernando Vieira	University of Queensland
4:35 PM		Closing remarks		
4:40 PM		Close		