

QUEENSLAND MINING INDUSTRY

HEALTH AND SAFETY CONFERENCE 2023

2023 PROGRAM









Inside looking out







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#QMIHSC2023


Sunday 20 August 2023

Time	Session	Room
10:00 – 18:30	Registration desk open	Foyer
11:00 – 12:30	<p>QRC Site Executive (SSE) Forum</p> 	Southport room
12:30 – 13:30	Lunch and exhibition	Marquee and Event Centre Lawn
13:30 – 14:20	<p>Plenary sessions</p> <p>Introduction by MC, Russell White</p> <p><i>Proudly sponsored by</i></p>  <p>Welcome to Country</p> <p>Conference Welcome – QMIHSC 2023 Conference Chair, Larnie Mackay</p> <p>Conference opening – Minister for Resources, Hon Scott Stewart MP</p> <p>Welcome by Principal Sponsor, BMA BHP Mitsubishi Alliance Steve Johnston, Head of Production Mine Execution</p> <p><i>Proudly sponsored by</i></p> 	Ballroom
14:20 – 15:05	<p>Keynote presentation: Choices <i>Speaker: James Wood</i></p> <p><i>Proudly sponsored by</i></p> 	Ballroom
15:05 – 15:50	Afternoon tea and exhibition	Marquee
15:50 – 16:35	<p>Keynote presentation: Navigating Risks <i>Speaker: Neryl Joyce</i></p> <p><i>Proudly sponsored by</i></p> 	Ballroom
16:35 – 22:00	<p>Welcome function and trade display</p> <p><i>Experience an unforgettable evening at the Queensland Mining Health and Safety Conference Welcome function. Network, reconnect, and relax in the Exhibition marquee, where camaraderie and innovation thrive. Join us for a remarkable start to the conference, forging connections and shaping the future of mining health and safety.</i></p> <p><i>Proudly sponsored by</i></p> 	Marquee and terrace
From 22:00	<p>Free time</p> <p><i>Cash bar available at Atrium Bar</i></p>	






Monday 21 August 2023

Time	Session	Room
7:30 – 17:00	Registration desk open	Foyer
All day	Innovation and health program poster display	Coolangatta gallery
8:00 – 8:05	Welcome to Day Two – MC, Russell White <i>Proudly sponsored by</i> 	Ballroom
8:05 – 8:35	Presentation of Legends Awards	
8:40 – 9:25	Keynote presentation: One is too many <i>Speaker: Linda Murry</i>	
9:30 – 10:15	Keynote presentation: Unearthing Neurodiversity: The Power of Minds Unalike <i>Speaker: Natasha Nunn</i>	
10:15 – 10:45	Morning tea and exhibition	Marquee
10:45 – 11:30	Plenary session: Industry sharing with industry	Ballroom
11:30 – 12:15	Keynote presentation: The Four Ways to Influence Anybody About Anything <i>Speaker: Dr Tim Baker</i> <i>Proudly sponsored by</i> 	
12:15 – 13:00	Keynote presentation: High Risk/High Consequences-An Aviation Approach <i>Speaker: Mike Lockwood</i> <i>Proudly sponsored by</i> 	
13:00 – 13:45	Lunch and exhibition <i>Proudly sponsored by</i> 	Marquee and Event Centre Lawn
13:45 – 14:30	Keynote presentation: Workplace Culture Report – What was found, what has been learnt and who we are 18 months on <i>Speaker: Melanie Cooper</i>	Ballroom
14:30 – 15:15	Keynote presentation: Re-evaluating Risk: Cultivating Mental Health and Safety Awareness in the Industry <i>Speaker: Dave Holland</i> <i>Proudly sponsored by</i> 	
15:15– 15:45	Afternoon tea and exhibition	
15:50 – 17:05	Innovation award presentation <i>Proudly sponsored by</i> 	Ballroom
15:50 – 16:05	Coronado Global Resources - Dragline Proximity Awareness (PAS) <i>Blair Whitney & Ben Murphy, Coronado Global Resources Inc</i>	
16:05 – 16:20	Using Artificial Intelligence to Eliminate Cable Belt Dislodgments <i>Matthew Downing, Anglo American Dawson Mine</i>	
16:20 – 16:35	Rim Lock - Eliminating Crush Zones during Tyre & Rim Assembly Fitment <i>Francesco Mele & Joseph Guinea, BMA & JJ&D Innovations</i>	
16:35 – 16:50	HoseMate: Creating a safer workplace by reducing hydraulic hose failures <i>Stuart Sephton, National Plastics & Rubber Pty Ltd</i>	
16:50 – 17:10	Hastings Deering Australia Limited Field Service working at heights innovation <i>Michael Dawson, Hastings Deering (Australia) Limited</i>	
17:10 – 17:45	Health program award presentations	
17:10 – 17:25	ManUp! Mondays <i>Jill Costello & Kara Walker, ManUp!Australia & Hail Creek Open Cut Mine</i>	
17:30 – 17:45	Workplace Support Program - Trauma Informed Psychosocial Management (Bullying, Sexual Harassment Discrimination) <i>Kanae Dyas, Anglo American</i>	

Monday 21 August 2023 continued

17:45 – 18:30	Free time Cash bar available at Atrium Bar	
18:30 – 19:00	Pre-dinner drinks	Gallery and terrace
19:00 – 24:00	Informal dinner and appeal auction <i>Immerse yourself in a tropical Hawaiian-themed evening of fun and philanthropy at the Queensland Mining Health and Safety Conference Informal Dinner. Sponsored by uvex, don your colorful shirts, catch up with industry colleagues, enjoy good food, and party with the band Party Tricks. All proceeds go to the chosen charity, RFDS.</i> Proudly sponsored by 	Ballroom
From 24:00	Free time Cash bar available at Atrium Bar	


Tuesday 22 August 2023

Time	Session	Room		
7:30 – 17:00	Registration desk open	Foyer		
All day	Innovation and health program poster display	Coolangatta gallery		
8:00 – 8:03	Welcome to Day Three – MC, Russell White Proudly sponsored by 	Ballroom		
8:03 – 08:45	Update on the Practising Certificate Scheme <i>Cassandra Rodgers and Helena Langton, Resources Safety & Health Queensland</i>			
8:45 – 9:30	Keynote presentation: Understanding the why to make skilful decisions <i>Speaker: Natalee Johnston</i> Proudly sponsored by 			
9:30 – 10:15	Keynote presentation: Beauty and the Beast: How emerging technology can improve our work, life, and play <i>Speaker: Dr Catherine Ball</i>			
10:15 – 10:45	Morning tea and exhibition	Marquee		
10:45 – 12:15	Concurrent sessions			
	Our Environment (1A) Proudly sponsored by 	Our People (1B) Proudly sponsored by 	Our Systems (1C)	Exhibitor Innovations (1D) Proudly sponsored by 
	Room: Southport room	Room: Gold Coast room	Room: Surfers Paradise room	Room: Coolangatta rooms 3-4
10:50 – 11:15	Longwall Maingate and tailgate proactive sponcom and gas management strategy-safety share <i>Dr Bharath Belle, Anglo American</i>	Collision awareness technology implementation - A human factors journey <i>Neil Pollard, Glencore Coal Assets Australia</i>	Dragline proximity awareness <i>Blair Whitney, Coronado Global Resources</i>	10:50 – 11:00
				Frictional Ignition Hazards (Redbolt project) <i>David McCloskey, NAUTITECH</i>
				11:05 – 11:15
11:20 – 11:45	Monitoring and CFD modelling of respirable mine dusts for a VR training tool <i>Dr Ming Qiao University of Wollongong</i>	Incidence of drugs of abuse within the Australian workforce subject to random drug testing <i>Dr Phil Tynan, Safework Health</i>	Improving level 1 emergency exercises to enhance industry learnings and outcomes <i>Geoff Nugent, Resources Safety and Health Queensland</i>	11:20 – 11:30
				BHP Broadmeadow, Diesel Particulate Matter (DPM) OEL exceedance reduction program <i>Daniel Rose, Pinssar</i>
				11:35 – 11:45
				A case study of People V Process. Is injury due to poor people performance or poor functioning workplaces? <i>Garry Gosling, Joint Action Solutions</i>

Tuesday 22 August 2023 continued

11:50 – 12:15	Wearable sensors for continuous, real-time monitoring and risk assessment of mine workers health and safety <i>Eleonora Widzyk-Capehart & Zachary Kiehl, Simtars & Sentinel Occupational Safety</i>	Advancing diversity and inclusivity in the mining industry - a human centred design approach <i>Danellie Lynas, The University of Queensland</i>	Beyond TARPS - the need for supporting systems <i>David Cliff, The University of Queensland</i>	11:50 – 12:00 Pillar of Light <i>Ryan Hodder, Ultimate Led</i>
				12:05 – 12:15 ADE Sponsor presentation <i>Eric Tomicek, ADE</i>
12:15 – 13:15	Lunch and exhibition			Marquee and Event Centre Lawn
13:15 – 14:45	Concurrent sessions			
	Our Equipment (1E) Proudly sponsored by 	Our People (2B) Proudly sponsored by 	Our Systems (2C)	Our Organisation (1F)
	Room: Southport room	Room: Gold Coast room	Room: Surfers Paradise room	Room: Coolangatta rooms 3-4
13:20 – 13:45	Aquila Mine hydraulic rock splitter <i>Ben Bird, Anglo American</i>	Psychosocial risk management: A case study of a multidisciplinary approach <i>Naomi Armitage & Christian Young, Humanology Group and Impress Solutions</i>	QGL02 - Dust controls are like safety critical controls <i>Samantha Forster, Resources Safety and Health Queensland</i>	Steelmaking coal's underground mines journey <i>Matthew Wakeford and Luke Perrin, Anglo American</i>
13:50 – 14:15	Safety innovation in underground mining: Revolutionising lifting, slinging and manual handling <i>John Fitzpatrick, Anglo American</i>	Virtual simulations <i>Mark Parcell, Mine Safety Institute of Australia</i>	Using technology to drive a mindful organisation <i>David Champion, Middlemount Coal</i>	Using the Latest Discoveries of Human Decision-Making to Future-Proof Organisational Performance <i>Cristian Sylvestre, HabitSafe</i>
14:20 – 14:45	An investigation into slip forces associated with handling large off-road tyres <i>Prof Peter Knights, The University of Queensland</i>	Digging deeper: Psychosocial safety in the resources industry <i>Deanna McMaster & Trent Forno, MinterEllison</i>	Designing safety dashboards to facilitate learning <i>Liam Bluett, Brady Heywood</i>	Diagnostic baseline assessments and the journey towards HRO <i>Susan Johnston, Sustainable Minerals Institute, The University of Queensland</i>
14:45 – 15:15	Afternoon tea and exhibition			Marquee
15:15 – 16:45	Concurrent sessions			
	Our Equipment (2E) Proudly sponsored by 	Our People (3B)	Our Systems (3C)	Our Organisation (2F) Proudly sponsored by 
	Room: Southport room	Room: Gold Coast room	Room: Surfers Paradise room	Room: Coolangatta rooms 3-4
15:20 – 15:45	Practical applications of automation and remote operations <i>Dr Mark Dunn & Luke Dyer, CSIRO & Quantum Consulting and Engineering Group</i>	What lessons can we learn from coronial reports to prevent repeat workplace incidents? <i>Dale Temby, The University of Queensland MISHC SMI</i>	A systems thinking investigation process to improve the way we learn <i>Chantell Coetzee, Anglo American</i>	The Boeing 737 MAX crashes: Learning from organisational failures in other industries <i>Sean Brady, Brady Haywood</i>
15:50 – 16:15	Spray painting incident in dragline confined space <i>Andrew Batterson, Resources Safety and Health Queensland</i>	What good looks like: Understanding quality learning and training in the mining industry <i>Dr Stephanie MacMahon & Rodo De Boer, The University of Queensland & Thiess</i>	Fire resistance and anti-static testing of non-metallic materials used in coal mines <i>Ahmad Abdullah & Anilesh Rai, Simtars Resources Safety and Health Queensland</i>	Safety reporting culture snapshot—Preliminary results from the Queensland Mining Industry Safety reporting survey <i>Kate Du Preez, Commissioner for Resources Safety and Health</i>
16:20 – 16:45	Enabling silica analysis of respirable dust sampled by real-time gravimetric personal dust monitor <i>Dr Yonggang Jin, CSIRO</i>	Just when you thought you could breathe again <i>Dr Kelly Johnstone, The University of Queensland SMI MISHC</i>	Resources, Safety & Health Queensland (RSHQ) going digital: The future of incident reporting <i>Lionel Smith, Resources Safety and Health Queensland</i>	What Woodstock 99' teaches us about the power of leadership and culture <i>Jodi Goodall, Brady Heywood</i>
16:45 - 17:30	Student forum Proudly sponsored by 			Garden Kitchen & Bar Deck


Tuesday 22 August 2023 continued

17:00 – 18:30	Exhibition Happy Hour Step into a world of innovation and connection at the Queensland Mining Health and Safety Conference Exhibition Happy Hour. Join us in the Exhibition marquee for a relaxed networking event, where you can catch up with colleagues, meet sponsors and exhibitors, and discover the latest market developments. Unleash the power of collaboration and shape the future of mining health and safety. Proudly sponsored by  Powered by Epiroc	Marquee
From 18:30	Free time Cash bar available at Atrium Bar	

Wednesday 23 August 2023

Time	Session	Room	
7:30 – 17:00	Registration	Foyer	
7:30 – 15:00	Innovation and health program poster display	Coolangatta gallery	
8:30 – 8:45	Welcome to Day Four – MC, Russell White Proudly sponsored by 	Ballroom	
8:45 – 9:30	Keynote presentation: Leading on the Edge <i>Speaker: Rachael Robertson</i>		
9:30 – 10:15	Keynote presentation: Wellbeing in the workplace <i>Speaker: Wayne Schwass</i>		
10:15 – 10:45	Morning tea and exhibition Proudly sponsored by 	Marquee	
10:45 – 12:15	Concurrent sessions		
	Our People (4B) Room: Southport room	Our Systems (4C) Proudly sponsored by  Room: Gold Coast room	Our Equipment (3E) Room: Surfers Paradise room
10:50 – 11:15	Why would you want to be a supervisor in the mining industry? <i>John Lennon & John Tate, Lennon Training & Crown Law</i>	Identifying organisational influences on repeated incidents: A human factors, systems theory-based approach to learning from incidents <i>Dr Eryn Grant, Anglo American</i>	Introducing the active explosion barrier complying to the RS21 in an ERZ-0 environment <i>Arend Spath, Explospot Systems Australia</i>
11:20 – 11:45	Mine dust lung disease among Queensland mine and quarry workers <i>Evan Pengelly, Resources Safety and Health Queensland</i>	Is there a way to produce S.M.A.R.T.er recommendations from critical control and incident work? <i>Prof Maureen Hassall, MISCH SMI The University of Queensland</i>	Real time dust monitoring, simple as 1,2,3? <i>Dustin Bennett, Gcg Health Safety & Hygiene</i>
11:50 – 12:15	The implications of a hostile work environment provision for psychosocial risks in mining: The critical role of supervisors as bystander agents <i>Dr Jacinta Buchbach, In Safe Hands Educators in Safety: Respect At Work</i>	Safegas V5: Underground coal mine gas monitoring system development <i>Dr Gareth Kennedy, Simtars, Resources Safety and Health Queensland</i>	Identifying frictional ignition hazards <i>David McCloskey, NAUTITECH</i>
12:15 – 13:15	Lunch and exhibition		
13:15 – 14:45	Concurrent sessions		
	Our People (5B) Room: Southport room	Our Systems (5C) Room: Gold Coast room	Our Environment (2A) Room: Surfers Paradise room
13:20 – 13:45	Trauma informed intersectional psychosocial risk management in WHS, bullying, sexual harassment discrimination <i>Kanae Dyas, Anglo American</i>	A practicable risk-based approach to RS22 implementation and ongoing compliance <i>Anthony Beasley & Steven Amor, Jarah Corporate Pty Ltd</i>	Longwall operational challenges mining over grasstree mine <i>Scott Dobbie & Shane McDowall, Anglo American</i>
13:50 – 14:15	Benchmarking on safety culture - lessons from Nike and Fortune 500 companies <i>Corrie Pitzer, Safemap</i>	Explosion risk exclusion zones around mine entries <i>David Carey, Queensland Mines Rescue Service</i>	Technical challenges mining over grasstree mine <i>Hugh McNamara, Anglo American</i>
14.20 – 14.45	The just culture decision tree: Work-as-done and work-as-imagined <i>Meghann Croome & Nicole Gray, The Keil Centre</i>	A practical methodology to identify critical controls <i>Dr Chris Doran & Helen Doran, Mitacom Pty Ltd</i>	Grasstree mine final closure <i>Wouter Niehaus, Anglo American – Grasstree Mine</i>

Wednesday 23 August 2023 continued

14:45 – 15:15	Afternoon tea and exhibition		Marquee
15:15 – 16:45	Concurrent sessions		
	Our People (6B)	Our Systems (6C)	Our Equipment (4E)
	Room: Southport room	Room: Gold Coast room	Room: Surfers Paradise room
15:20 – 15:45	The great role shift: Health, safety, environment, quality, security and (now) wellbeing <i>Meghann Croome & Nicole Gray, The Keil Centre</i>	How to manage competency for welding on mine sites? <i>Simon Krismer, WQMS Pty Ltd</i>	Improving underground mine hatch seals <i>Lawrence Webster & Wes Sweet, Anglo American</i>
15:50 – 16:15	Sexual harassment in Queensland's resources industry <i>Patrick Jensen, Resources Safety and Health Queensland</i>	The Oaky North method - Safer sealing post longwall extraction <i>John Phillips, Glencore - Oaky North Underground</i>	Micro gas chromatograph capabilities for ethylene detection in the Queensland coal mining industry <i>Sean Muller & Dr Fiona Clarkson, Simtars Resources Safety and Health Queensland</i>
16:20 – 16:45	Shifting Frontline Leadership Capability: A Kestrel Coal Resources Case Study <i>Jennifer Jackson & Marc Fickling, Everyday Massive</i>	Spontaneous combustion risk analysis: An overview of laboratory modelling <i>Sebastian D'Hyon, Simtars, Resources Safety and Health Queensland</i>	Our equipment: Technology supporting health and safety <i>Brendan Platt & Alex Virr, Blackwoods</i>
17:00 – 18:30	Free time <i>Cash bar available at Atrium Bar</i>		
19:00 – 19:30	Pre-dinner drinks		Gallery and terrace
19:30 – 24:00	Conference dinner <i>Experience an unforgettable night of elegance at the Queensland Mining Health and Safety Conference formal dinner. Immerse yourself in a James Bond Casino Royale theme, dressed in formal/black tie attire. Enjoy exquisite food, engaging conversations, and dance to the tunes of Groove Elements. Sponsored by BHP Mitsubishi Alliance, this glamorous event embodies sophistication and excitement.</i> <i>Proudly sponsored by</i> 		Ballroom
From 24:00	Free time <i>Cash bar available at Atrium Bar</i>		

** Program is subject to change