



Conference



“Together we Collaborate,
Innovate and Educate”

Conference

**“Together we Collaborate,
Innovate and Educate”**

Conference Program

THE  STAR
GOLD COAST



AngloAmerican

Conference Program



This program has been developed to offer you the opportunity to meet like-minded industry professionals; to listen to topical and high-quality presentations on a range of topics of immediate interest and relevance, and time to network with industry colleagues – old and new.

★ SUNDAY 22 AUGUST

10.00am - 6.30pm REGISTRATION – Event Centre Gallery

12.30pm - 1.30pm LUNCH – Event Centre Lawn

1.30pm - 4.45pm **PLENARY SESSIONS – Event Centre Ballroom**

Introduction by Master of Ceremonies

Russell White, Master of Ceremonies, Managing Director, Driver Safety Australia

CONFERENCE WELCOME

Darren Nicholls, Director Underground Operations, Glencore Coal Assets Australia

CONFERENCE OPENING

TECHSERVE
MINING & ENERGY

2.15pm - 3.00pm **KEYNOTE PRESENTATION – Proudly Sponsored by Evolution Mining**
Why Safety Matters

Dallas Adams, Director, DC Adams Group Pty Ltd



3.00pm - 3.45pm **AFTERNOON BREAK AND TRADE DISPLAYS – Event Centre Marquee**
Proudly Sponsored by Cirlock



3.45pm - 4.45pm **PLENARY SESSION – The Star Theatre**

3.45pm - 4.45pm **KEYNOTE PRESENTATION – Proudly Sponsored by Evolution Mining**
Future Crisis – Adapting to Stay Left of Boom

Grant Chisnall, CEO and Founder, Left of Boom



5.00pm - 6.00pm **THE RESCUE STATION – Atrium Bar**

6.00pm - 10.00pm **WELCOME FUNCTION AND TRADE DISPLAYS – Event Centre Marquee**
Proudly Sponsored by Peabody Australia



10.00pm **THE RESCUE STATION – Atrium Bar**



Conference Program



★ MONDAY 23 AUGUST

7.30am - 6.00pm	REGISTRATION – Event Centre Gallery	
8.00am - 5.30pm	PLENARY SESSIONS – The Star Theatre	
8.00am - 8.10am	Daily Introduction by Master of Ceremonies Russell White, Managing Director, Driver Safety Australia	TECHSERVE MINING & ENERGY
8.10am - 8.15am	Welcome by Principal Sponsor – Anglo American Tyler Mitchelson, CEO of Anglo American's Metallurgical Coal Business	AngloAmerican
8.15am - 8.45am	Presentation of the Queensland Mining Industry Health and Safety Conference Legends Award for 2021	
8.45am - 10.15am	KEYNOTE PRESENTATIONS – Proudly Sponsored by Anglo American	AngloAmerican
8.45am - 9.30am	Decision Making in the Dark Dr Richard Harris SC OAM	
9.30am - 10.15am	Brady Review Findings: Post Brady Review – Where to Now for the Queensland Mining Industry? Dr Sean Brady, Managing Director, Brady Heywood Pty Ltd	
10.15am - 10.45am	MORNING BREAK AND TRADE DISPLAYS – Event Centre Marquee <i>Proudly Sponsored by Cirlock</i>	CIRLOCK LOCKOUT / TAGOUT EQUIPMENT
10.45am - 12.45pm	PLENARY SESSIONS – The Star Theatre	
10.45am - 12.00pm	Industry Sharing with Industry This session will be Chaired by Darren Nicholls, Director Underground Operations, Glencore Coal Assets Australia	
12.00pm - 12.45pm	Challenges and Risk – Our Journey, Te Kāhui Whakamana Rua Tekau Mā Iwa, Pike River Recovery Agency Dinghy Pattinson, Chief Operating Officer, Pike River Recovery Agency	
12.45pm - 1.30pm	LUNCH AND TRADE DISPLAYS – Event Centre Marquee <i>Proudly Sponsored by BHP</i>	BHP
1.30pm - 3.00pm	PLENARY SESSIONS – The Star Theatre	
1.30pm - 3.00pm	KEYNOTE PRESENTATIONS – Proudly Sponsored by Thiess	THIESS
1.30pm - 2.15pm	Creating a High Reliability Organisation Emeritus Professor Andrew Hopkins AO, Australian National University	
2.15pm - 3.00pm	Managing and Leading in Difficult Times Christine Nixon APM, Former Victorian Police Commissioner	
3.00pm - 3.30pm	AFTERNOON BREAK AND TRADE DISPLAYS – Event Centre Marquee	
3.30pm - 5.00pm	PLENARY SESSIONS – The Star Theatre	
3.30pm - 4.45pm	INNOVATION AWARD PRESENTATIONS – Proudly Sponsored by Glencore Presentations by the five Finalists selected from the First Round of Judging	GLENCORE
4.45pm - 5.00pm	PRESENTATION FROM 2019 INNOVATION AWARD WINNER Lightweight Synthetic Couplings Josh Leppard, Managing Director, Soft Rigging Solutions	
5.00pm - 6.30pm	THE RESCUE STATION – Atrium Bar	
7.30pm - 11.00pm	INFORMAL DINNER AND APPEAL AUCTION in aid of Heart of Australia Event Centre Ballroom – <i>Proudly Sponsored by uvex Safety ANZ</i>	uvex
11.00pm	THE RESCUE STATION – Atrium Bar	

Conference Program



★ TUESDAY 24 AUGUST

7.30am - 6.00pm

REGISTRATION – Event Centre Gallery

8.30am - 10.15am

PLENARY SESSIONS – The Star Theatre

8.30am - 8.45am

Daily Introduction by Master of Ceremonies

Russell White, Managing Director, Driver Safety Australia

TECHSERVE
MINING & ENERGY

8.45am - 10.15am

KEYNOTE PRESENTATIONS – Proudly Sponsored by I-MED Radiology Network



8.45am - 9.30am

Regulation to Education, Lessons Learnt and Future Direction of the Regulator

Peter Newman, Chief Inspector of Coal Mines and Hermann Fasching,
Chief Inspector of Mines, Mineral Mines and Quarries, Resources Safety and Health Queensland

9.30am - 10.15am

Climbing the Culture Ladder and Not Falling Off

Prof Patrick Hudson, Delft University of Technology and Hudson Global Consulting

10.15am - 10.45am

MORNING BREAK AND TRADE DISPLAYS – Event Centre Marquee

10.45am - 4.35pm

CONCURRENT SESSIONS – The Star Theatre and Event Centre Ballroom

Theatre

Southport and Gold Coast Rooms

Surfers Paradise Room

Cucina Vivo Restaurant (Reception Level)

ACARP PROJECTS

10.50 – 11.15am

Pyrite Content and the Lung Response to Coal Dust

Prof Graeme Zosky,
Deputy Director, Menzies Institute
for Medical Research, University of
Tasmania

11.20 – 11.45am

How do You Assess the Risk of Slope Failure?

Dr Alison McQuillan,
Director, Rocscience Australia

11.50 – 12.15pm

Health Exposure Management State of the Art Technology Initiatives in the Australian Coal Mining Industry

Dr B Belle,
Technical Lead, Anglo American

LEARNING FROM INCIDENTS

10.50 – 11.15am

Post-Incident Learnings from a Major Spontaneous Combustion Event

Laurie Crisp,
Mines Inspector, Resources Safety and Health Queensland, Coal Mines Inspectorate and
Dr Gareth Kennedy,
Director – Mines Safety Technology Research Centre, Resources Safety and Health Queensland, Simtars

11.20 – 11.45am

Underground Coal Mine Tube Bundle – Heated Tube Gas Profile

Dr Snezana Bajic,
Technical Services Manager, Resources Safety and Health Queensland, Simtars

11.50 – 12.15pm

Moranbah North and Cook Colliery Level 1 Exercises

Martin Watkinson,
Executive Mine Engineer, Resources Safety and Health Queensland, Simtars

CULTURAL CHANGE

10.50 – 11.15am

How Leaders Can Collaborate for Effective Behaviour Change – A Brain Science Innovation

Cristian Sylvestre,
Marketing Director, HabitSafe

11.20 – 11.45am

The High Reliability Organisation (HRO) Leadership Mindset

Jodi Goodall,
Organisational Reliability, Brady Heywood Pty Ltd

11.50 – 12.15pm

Road Safety – Engaging the Community

Adam Dyer,
Senior Sargent, Queensland Police and
Kelly Brebner,
Employee Engagement Specialist, Anglo American Metallurgical Coal and
Leisa Westerman,
Specialist Community, BHP Billiton Mitsubishi Alliance

EXHIBITOR PRESENTATIONS

10.50 – 12.15pm

Innovation in Workwear

Sandra Alcock, General Manager, National Sales, Blackwoods

How to Improve Safety and Efficiency of Haul Roads and Water Trucks

Eric Tomicek, Sales Manager, Australian Diversified Engineering

Industry Collaboration in Design

Andrew Dickinson, Senior Product Designer, Blundstone Australia

All Things Safety

Mick Storch, Managing Director, 4PS Software

The Importance of Prescription Safety Glasses in the Workplace

Andy Warrington, Business Development Manager – Prescription Eyewear, Bollé Safety

What Does the Proposed Lower Gas Exposure Limits and Compliance with the Standard AS/NZS 2290.3:2018 for Gas Detection Mean for You?

Kalpesh Trivedi, Dräger Product Manager Gas Detection, Draeger Australia Pty Ltd

Not Solving Problems with New Problems – Dynamic Dust Management

Daniel Grundy, General Manager, GRT – Mining Dust Control

Silica, the Hidden Threat

Melton White, Director, Mideco Jia Pty Ltd

12.15pm - 1.15pm

LUNCH AND TRADE DISPLAYS – Event Centre Lawn and Marquee

1.00pm - 1.15pm

POSTER DISPLAYS – Event Centre Gallery

The authors of poster will be on hand to discuss their submissions.

Conference Program



★ TUESDAY 24 AUGUST

1.15pm - 2.45pm

CONCURRENT SESSIONS – *The Star Theatre and Event Centre Ballroom*

Theatre

MINING STABILITY AND RISK

1.20 – 1.45pm

Isocyanate Exposure When Using Polymeric Chemicals: Are We Assessing All the Risk?

Fritz Djukic,

IOM (Occupational Hygiene Coal) and

Greg Manthey,

IOM (Occupational Hygiene – MMQ), Resource Safety and Health Queensland

1.50 – 2.15pm

Rock Bolting for Sustainable and Safe Mining

Hadi Nourizadeh,

PhD Student and

Dr Ali Mirzaghorbanali,

Senior Lecturer, University of Southern Queensland

2.20 – 2.45pm

Fatigue Prevention: A Pathway to Improved Safety and Enhanced Productivity

John Toomey,

Chief Executive Officer, Wide Awake Wellness Pty Ltd

Southport and Gold Coast Rooms

LEARNING FROM INCIDENTS

1.20 – 1.45pm

Hazards in Excavator Access and Egress Systems

Theo Kahl,

Inspector of Mines, Resource Safety and Health Queensland

1.50 – 2.15pm

Fatality Elimination is Within Reach

Brent Gee,

Manager Production Coal and

Nicole Gregory,

Manager HSE, BHP Mitsubishi Alliance

2.20 – 2.45pm

Engineering Lessons from an Accident Investigation

Patrick Hurley,

Inspector of Mines, (Mechanical), Resource Safety and Health Queensland

Surfers Paradise Room

MINE DUSTS

1.20 – 1.45pm

New ISO 23875 Outlines Steps for Managing Cabin Dust

Dustin Bennett,

Principal Occupational Hygiene Consultant, GCG Health, Safety & Hygiene

1.50 – 2.15pm

What's in Your Dust? : Further Findings

Nikky LaBranche,

Research Fellow and

Dr David Cliff,

Professorial Research Fellow, Minerals Industry Safety and Health Centre, Sustainable Minerals Institute

2.20 – 2.45pm

Validating the Operational Effectiveness of Sandvik Low Dust Picks on a Development Miner at Fitzroy's Carborough Coal Mine

Jeff Barry,

Business Development Representative (MGT), Sandvik Mining and Rock Technology and

Dr Brian Plush,

Particulate Matter Scientist, PM 10 Laboratories

Cucina Vivo Restaurant (Reception Level)

RTC TRAINING WORKSHOP

1.45 – 2.45pm

Resources Training Council – Training Workshop

Queensland is moving towards a Practising Certificate Scheme for Certificate of Competency and Notice Holders. NSW already has the Maintenance of Competency Scheme in place.

These schemes are designed to keep the knowledge and skills up-to-date of individuals who hold a practising certificate to exercise specific statutory functions.

Our panel will discuss:

- Benefits and pitfalls of such schemes
- What parts of a scheme or evidence of continued learning gives best bang for buck in maintaining competency and why?
- Opportunities for RTOs and other providers/stakeholders

Join us for this session and become part of the conversation.

2.45pm - 3.15pm

AFTERNOON BREAK AND TRADE DISPLAYS – *Event Centre Marquee*

3.15pm - 5.15pm

WORKSHOP AND CONCURRENT SESSION

Theatre

FATIGUE WORKSHOP

3.15 – 3.20pm

Fatigue in the Queensland Mining Industry – Keeping the Journey Going

This workshop follows on from initial Fatigue Workshop held at the 2019 Qld Mining Industry Health and Safety Conference.

This year's workshop will present back the data collected at the last workshop and invite representatives from a number of mines sites to present new initiatives implemented and advancements made to more effectively manage this key risk.

The session will culminate with a group session to summarise the key take-aways, develop key areas and determine what the next steps are for our industry to continually improve how fatigue is managed.

Southport and Gold Coast Rooms

PSYCHOLOGICAL BEHAVIOUR

3.20 – 3.45pm

The Human Cost of Not Speaking up: Psychological Safety in Action

Bobbie Foot, Head, Health Safety Environment, BHP Mitsubishi Alliance and Naomi Armitage, Director – Psychologist, Humanology Group

3.50 – 4.15pm

The Mental Health and Wellbeing Impacts of COVID-19 on the Mining Workforce - a MATES in Mining Perspective

Suzanne Desailly, General Manager, MATES in Mining

4.20 – 4.45pm

Reducing the Psychological Impacts of Critical Incidents

Angela Dixon, Operations Manager and

Jill Trevor, Clinical Manager, Gryphon Psychology

4.50 – 5.15pm

New Year, New Me, Safety Challenges

Aaron Anderson, Partner and

Kara Reynolds, Senior Associate, Herbert Smith Freehills

Conference Program



★ TUESDAY 24 AUGUST

4.45pm - 7.00pm STUDENT FORUM - Coolangatta Room

5.00pm - 6.30pm EXHIBITION 'Happy Hour' among Trade Displays in Event Centre Marquee

Proudly Sponsored by Komatsu

KOMATSU

FREE EVENING

Delegates to make their own dining arrangements

★ WEDNESDAY 25 AUGUST

7.30am - 6.00pm REGISTRATION - Event Centre Gallery

8.30am - 10.15am **PLENARY SESSIONS** - *The Star Theatre*

TECHSERVE
MINING & ENERGY

8.30am - 8.45am **Daily Introduction by Master of Ceremonies**
Russell White, Managing Director, Driver Safety Australia

8.45am - 10.15am **KEYNOTE PRESENTATIONS** - *Proudly Sponsored by Blackwoods*

Blackwoods

8.45am - 9.30am **Glencore Coal Level 1 Simulated Emergency Exercises**
Kylie Ah Wong, General Manager Health and Safety, Glencore Coal Assets Australia

9.30am - 10.15am **Get Real**
Theo Venter, Author and Speaker

10.15am - 10.45am **MORNING BREAK AND TRADE DISPLAYS** - Event Centre Marquee

10.45am - 12.15pm **CONCURRENT SESSIONS** - *The Star Theatre and Event Centre Ballroom*

Theatre

RISK MANAGEMENT

10.50 - 11.15am
Management of Critical Controls - Where can we Improve?
Christian Young,
Founder, Managing Director, Impress Solutions

11.20 - 11.45am
Use of Analytical Tools During Investigations
Philippa Dodshon,
Postgraduate Research Fellow,
Minerals Industry Safety and Health Centre

11.50 - 12.15pm
Critical Risks Associated with Trailing Cable Management
Neville Atkinson,
Senior Inspector of Mines (Electrical),
Resources Safety and Health Queensland

Southport and Gold Coast Rooms

HEALTH MANAGEMENT

10.50 - 11.15am
Quality of Mine Dust Lung Disease Screening
Dean Barr,
Director - Coal Mine Workers' Health Scheme,
Resources Safety and Health Queensland

11.20 - 11.45am
Checking on the Lung Checks: Better Respiratory Examinations for Queensland's Coal Mine Workers
Russell Morgan,
Manager, Occupational Health and Hygiene,
Resources Safety and Health Queensland

11.50 - 12.15pm
Pneumoconiosis: Lessons Learned in the Infrastructure Industry
Dr Kalesh Seevnarain,
Occupational Physician, 4cRisk

Surfers Paradise Room

SAFETY IMPROVEMENTS

10.50 - 11.15am
Safety and Autonomy
Sean Milfull,
General Manager and
Owen Edmunds,
Manager Production Coal, Goonyella Riverside

11.20 - 11.45am
The Sociality of Safety
Anton Guinea,
Safety Leadership Expert,
The Guinea Group of Companies Pty Ltd

11.50 - 12.15pm
Obtaining Value from Risk Assessments
Mark Alston,
Director, Investigations Differently

12.15pm - 1.15pm **LUNCH AND TRADE DISPLAYS** - Event Centre Lawn and Marquee

Conference Program



★ WEDNESDAY 25 AUGUST

1.15pm - 2.45pm CONCURRENT SESSIONS – *The Star Theatre and Event Centre Ballroom*

Theatre	Southport and Gold Coast Rooms	Surfers Paradise Room
SAFETY	CONTINUOUS IMPROVEMENTS	HEALTH MATTERS
<p>1.20 – 1.45pm The Safety Performance Innovation Everyone Missed: Educating to Minimise Inattention Cristian Sylvestre, Managing Director, HabitSafe</p> <p>1.50 – 2.15pm The Role of Traffic Signs in Mining Road Safety Damir Vagaja, Principal Traffic Safety Consultant, RTSM Consulting</p> <p>2.20 – 2.45pm Practical Due Diligence in Mining Safety Samantha Betzien, Partner and Rhian O'Sullivan, Special Counsel, MinterEllison</p>	<p>1.20 – 1.45pm Anticipating Major Accidents: Detecting the Warning Signs Jodi Goodall, Organisational Reliability, Brady Heywood Pty Ltd</p> <p>1.50 – 2.15pm The Capacity to Guide, Enable and Execute Work Ivica Ninic, Director, Forge Works</p> <p>2.20 – 2.45pm Can Machine Learning Transform How We Drive Better Safety Outcomes? Dr Sean Brady, Managing Director and Jodi Goodall, Organisational Reliability, Brady Heywood Pty Ltd</p>	<p>1.20 – 1.45pm Setting MSD Risk Priorities in the Workplace David Bick, Director of Professional Services, Joint Action Solutions</p> <p>1.50 – 2.15pm Black Lung and the Radiology Revolution - Part A Dr Catherine Jones, Radiologist, I-MED Radiology Network, Wesley Dust Centre, Annalise. ai</p> <p>2.20 – 2.45pm Black Lung and the Radiology Revolution - Part B Dr Catherine Jones, Radiologist, I-MED Radiology Network, Wesley Dust Centre, Annalise. ai</p>

2.45pm - 3.15pm AFTERNOON BREAK AND TRADE DISPLAYS – *Event Centre Marquee*

3.15pm - 5.35pm WORKSHOP – *The Star Theatre*

EMBRACING THE LEARNING ORGANISATION LEAD INDICATORS – FUTURE FOCUS AREAS AND PRACTICAL TAKEAWAYS

3.15 – 5.35pm

The Queensland Coal Mining Board of Inquiry found that reliance on lag indicators to the exclusion of lead indicators to measure safety performance is not an attribute of a High Reliability Organisation (HRO) and is likely to obscure an organisation's catastrophic risk level. Further, that lead indicators prompt the implementation of proactive actions designed to prevent future incidents. As such, they are important measures for the implementation of process and personal safety strategies to prevent fatalities and catastrophic events.

The workshop, as part of industry commitment to continuously share, facilitated by Christian Young of Impress Solutions will define lead indicators, hear presentations on how lead indicators and leadership are being practically used to improve safety outcomes by South 32, Glencore, Thiess, Peabody and others. The workshop will also provide practical takeaways to assist companies to identify lead indicators appropriate to their business model and how these can be implemented. It will also allow industry to plan and focus as industry continues the safety and health journey.

5.00pm - 6.30pm THE RESCUE STATION – *Atrium Bar*

6.45pm - 12 midnight CONFERENCE DINNER - INNOVATION and HEALTH PROGRAM AWARDS PRESENTATIONS – *Event Centre Ballroom - Proudly Sponsored by Anglo American*

6.45pm - 7.25pm PRE-DINNER DRINKS – *Event Centre Gallery and Terrace*



7.25pm - 12 midnight CONFERENCE DINNER

12 midnight THE RESCUE STATION – *Atrium Lobby Bar*

The presenters, topics, times and sponsors are correct at the time of printing and, in the event of unforeseen circumstances, the Conference Committee reserves the right to alter or delete items from the program.