



■ - SUNDAY 14th AUGUST

10.00am - 6.30pm **REGISTRATION – Pavilion Gallery**

12.30pm - 1.30pm **LUNCH – Pavilion Lawn** - *Proudly Sponsored by BMA*

1.30pm - 5.30pm **PLENARY SESSIONS – Pavilion Ballroom**

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

CONFERENCE WELCOME

Greg Dalliston, Chair, Queensland Mining Industry Health & Safety Conference 2016

CONFERENCE OPENING

The Honourable Dr Anthony Lynham MP, Minister for State Development and Minister for Natural Resources and Mines

An Introduction to A Miners Legacy

Mark Parcell, Founder and Director, A Miners Legacy

2.00pm - 3.15pm

Theming the Conference - *A Past forgotten is a Future repeated* - *Proudly Sponsored by GHD*

Facilitated by Corrie Pitzer, Chief Executive Officer, SAFEmap International Inc.

The intent of this session is to set the scene for the Presenters over the following two days, many of whom will be addressing various aspects of the Conference theme “***A Past forgotten is a Future repeated***

The Industry Panel, including regulator, union and mining organisation participants, will explore the spectrum of ideas on learning from history – how a past “***not forgotten***” has realised some positive gains for the industry and, conversely, how a past “***forgotten***” and therefore not learnt from, can be recognised in repeated failures.

Russell Albury, Acting Chief Inspector of Coal Mines, Department of Natural Resources and Mines

James Coghlan, District Workers’ Representative, Department of Natural Resources and Mines

Greg Dalliston, Industry Safety and Health Representative, CFMEU Mining & Energy Division Queensland District

Ron McKenna, Mining Manager, GLENCORE

Matt O’Neill, Chief Mining Officer, Glencore Copper

Greg Rowan, Principal, Greg Rowan Associates

Cec Ivers, Acting Mine Manager, Anglo American - Morandah North Mine

John Tate, Barrister, Crown Law

3.15pm - 3.45pm **AFTERNOON BREAK AND TRADE DISPLAYS – Pavilion Marquee**

Proudly Sponsored by LifeAid Pty Ltd

3.45pm - 5.15pm **Q & A** - *Proudly Sponsored by GHD*

Facilitated by Corrie Pitzer, Chief Executive Officer, SAFEmap International Inc.

A series of short debates, questions, answers and opinions from Panel and Delegates on some of the controversial propositions that have been in focus, providing an opportunity for all Delegates to challenge the Presenters.

5.15pm - 5.30pm **Session Close**

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

5.30pm - 6.00pm **LIVE DEMONSTRATION OF A TRAINING SCENARIO – Pavilion Lawn**

What is the Cost of Not Knowing Your Organisation’s Vulnerability?

Jimmy Christiansen, Managing Director, Live Training Professionals

6.00pm - 9.00pm **WELCOME FUNCTION AND TRADE DISPLAYS – Pavilion Marquee**

Proudly Sponsored by Peabody Energy Australia

9.30pm - to late **THE RESCUE STATION – Atrium Lobby Bar**

■ - MONDAY 15th AUGUST

- 7.00am - 6.00pm** **REGISTRATION – Pavilion Gallery**
- 8.00am - 5.30pm** **PLENARY SESSIONS – Pavilion Ballroom**
Daily introduction by Master of Ceremonies
Russell White, Managing Director, Driver Safety Australia
- 8.15am - 8.45am** **MINE GAS AWARENESS – Pavilion Ballroom**
Mark Parcell, Sole Director, Mine Safety Institute of Australia
- 8.45am - 10.15am** **KEYNOTE PRESENTATIONS – *Proudly Sponsored by Anglo American Coal***
8.45am - 9.30am **Can Safety Really be Improved in Challenging Times?**
Learning Lessons from Elsewhere
Susan Johnston, Principal, Susan Johnston Consulting
- 9.30am - 10.15am** **Learning from the Past: Pattern Causes of Death and Disaster in Extractive Industries**
Professor Michael Quinlan, School of Management, University of New South Wales
- 10.15am - 10.45am** **MORNING BREAK AND TRADE DISPLAYS – *Proudly Sponsored by Downer***
- 10.45am - 12.15pm** **Industry Sharing with Industry – *Proudly Sponsored by GLENCORE***
Chaired by Darren Nicholls, Director QLD, GLENCORE, with participation from relevant sites
This session will utilise the theme from the 2015 Conference when we engaged by “learning thru sharing”. Operations will share the good, the bad and the ugly from real events that have occurred on their sites in a frank and open manner.
Operations will also actively share what has been learnt from these events and if you now went to their sites, what would be different post the event.
- 12.15pm - 1.15pm** **LUNCH AND TRADE DISPLAYS – Pavilion Lawn and Pavilion Marquee**
Proudly Sponsored by New Hope Group
- 1.15pm - 2.45pm** **KEYNOTE PRESENTATIONS – *Proudly Sponsored by Thiess***
1.15pm - 2.00pm **History, Geography and Zero Harm**
Andrew Clough, Vice President, Safety, Health and Environment, Peabody Energy Australia
- 2.00pm - 2.45pm** **New Lessons from an Old Hazard – Black Lung in Coal Miners**
Professor Malcolm Sim, Director, Centre for Occupational and Environmental Health, Monash University
- 2.45pm - 3.15pm** **AFTERNOON BREAK AND TRADE DISPLAYS – *Proudly Sponsored by Downer***
- 3.15pm - 5.30pm** **INNOVATION PRESENTATIONS – *Proudly Sponsored by SAFEmap International Inc.***
Borehole Deviation Survey Device with Simba L6_C Drill (LTDZ-2000)
Presenters: - Tim Purvis, Mining Engineer, Zao Liu, Mining Engineer and Luke Juillerat, Production Supervisor, Ernest Henry Mine - Glencore
Portable Chilled Air for Underground Mining
Presenter: Mark Gleadhill, Outbye Superintendent, Anglo American Coal
S3 Weigher Belt Lifting Frame
Presenters: Scott Kilpatrick – East Weipa Plant Maintenance, Electrical & Instrumentation Officer and Jay Edwards, Electrician and Relief Crew Leader, Rio Tinto Weipa Operations
797B Rear Strut Change-out Tool
Presenter: Mick Truscott, Equipment Maintenance Manager, Hastings Deering (Australia) Limited – Dawson Mine



Underpan Spray Bar

Presenters: Kent Simpson, Benefication Plant / Phos Acid Team Leader and Stuart Tourle, Phos Acid Process Technician, Incitec Pivot Limited – Phosphate Hill

Longwall Boot-end Guard

Presenter: Shane McDowall, Maintenance and Engineering Manager, Anglo American – Moranbah North Mine

D11 Track Installation Tool

Presenter: Luke Rietdyk, Design Engineer, Hastings Deering (Australia) Limited

Conveyor Pully Replacement Tool

Presenter: Matt Downing, CHPP Engineering Coordinator, Anglo American Coal – Dawson Mine

Simba Longhole Drill Rod Handler

Presenter: Neil Beavis, Superintendent Underground Development, Ernest Henry Mining, Copper Assets Australia

Ammonia Draining System Without Fugitive Losses

Presenters: Pratik Patel, Process Engineer and Kelvin Ulett, Granulation Team Leader, Incitec Pivot Limited – Phosphate Hill

5.30pm - 6.30pm

THE RESCUE STATION – Atrium Lobby Bar

5.30pm - 6.30pm

WIMARQ Function and Presentation - Poolside Jupiters

Guest speaker: Cecile Wake, Growth Director, QGC, Winner of the 2016 QRC / WIMARQ Resources Award for Women

7.00pm - 10.30pm

INFORMAL DINNER AND CHARITY AUCTION in aid of the Heart Foundation Pavilion Ballroom – *Proudly Sponsored by uvex safety Australia*

10.30pm

THE RESCUE STATION – Atrium Lobby Bar

■ - TUESDAY 16th AUGUST

7.30am - 6.00pm

REGISTRATION – Pavilion Gallery

8.30am - 10.15am

PLENARY SESSIONS – Pavilion Ballroom

Daily introduction by Master of Ceremonies

Russell White, Managing Director, Driver Safety Australia

8.45am - 10.15am

KEYNOTE PRESENTATIONS – *Proudly Sponsored by Evolution Mining*

8.45am - 9.30am

Truck Rollover Prevention Program: If We Understand the Failures of the Past, Why do We Repeat Those Mistakes in the Present?

Chris Stephens, Heavy Vehicle Safety Specialist, VicRoads

9.30am - 10.15am

Wedded to Our Tools - Why Expertise Can Hold Us Back

Dr Sean Brady, Managing Director, Brady Heywood Pty Ltd

10.15am - 10.45am

MORNING BREAK AND TRADE DISPLAYS – Pavilion Marquee

Proudly Sponsored by SmartCap Technologies

10.15am - 10.45am

Authors of Innovation and Health Program Submissions will be on hand in the Pavilion Gallery to discuss their Submissions.

10.45am - 12.15pm CONCURRENT PAPERS

Pavilion Ballroom

COAL WORKERS' PNEUMOCONIOSIS

Proudly Sponsored by **Core Health Consulting**

Chair: Sid O'Toole, Occupational Physician, Resile

10.45 - 11.15am Risk Based Legislation and Dust Exposures on Queensland Longwalls - Does It Work?

Fritz Djukic

Inspector of Mines (Occupational Hygiene), Department of Natural Resources and Mines

11.20 - 11.45am The Nominated Medical Adviser and Coal Workers' Pneumoconiosis

Dr Edward Foley

Medical Practice Owner, Foley Medical (Occupational Medical Health Services)

11.50 - 12.15pm A Strategic Approach to Longwall Dust Reduction

Mark Shepherd

Compliance Manager, Coal Mines Technical Services-Occupational Hygiene, Coal Services

Southport Room 1

SAFETY DEVELOPMENTS

Proudly Sponsored by **ATOM**

Chair: Kylie Ah Wong, General Manager-Health Safety & Training, GLENORE

10.45 - 11.15am Measuring Whole-body Vibration at Surface and Underground Mines

Professor Robin Burgess-Limerick

Professor of Human Factors, Minerals Industry Safety and Health Centre, The University of Queensland

11.20 - 11.45am Results of Depositional Tests for Combustible Dust

Neil Randolph

Inspector of Mines, Department of Natural Resources and Mines

11.50 - 12.15pm Our People: Strata Defects: Detailed Planning

Larnie Mackay

Operations Scheduler, Anglo American - Moranbah North Mine

Southport Room 2

RESEARCH AND INNOVATION

Proudly Sponsored by **New Hope Group**

Chair: Martin Watkinson, Executive Mining Engineer, Simtars

10.45 - 11.15am Addressing Tyre Risks with Critical Control Management - A Collaborative Industry Project

Associate Professor Maureen Hassall

The University of Queensland and **Michael Boyle**, Principal Consultant, Precipitate

11.20 - 11.45am Use of Plastic Metal in Underground Coal Mines for Minor Repair of Flameproof Equipment

Bipin Parmar

Principal Engineer, Simtars

11.50 - 12.15pm Empowering Miners to Eliminate Fatigue

Daniel Bongers

Chief Technology Officer, SmartCap Technologies

Southport Room 3

SAFETY TRAINING WORKSHOP

Proudly Sponsored by **Resources Industry Skills Association**

10.45 - 12.15pm Should Legislation be the Main Driver for Training

The aim of this session is to hear from those associated with legislation in the VET and Mining fields, and from an industry representative who needs to implement this training in line with legislation, industry needs and return on investment.

Facilitator

Rod Ramsay

Chief Executive Officer, Resources Industry Skills Association

Presenters

Trevor Brown

District Inspector of Mines, Queensland Government Mines Inspectorate, Department of Natural Resources and Mines

Ian Gordon

Director Market Quality, Department of Education and Training

Drew Moakes

Senior Training Coordinator, Northern Australia Operations, Incitec Pivot Limited

These presentations will be followed by discussion and questions with the audience.

10.45am - 12.15pm EXHIBITION PRESENTATIONS

Coolangatta Room II

EXHIBITOR PRESENTATIONS

Chair: Scott Dobbie, Manager Production, Oaky Creek Coal- Glencore - Proudly Sponsored by **Safety Equipment Australia**

10.45 - 10.55am Hardware, Procedures and the Compromise on Haul Road Dust Suppression

Eric Tomicek,

Sales Manager, Australian Diversified Engineering (ADE)

10.55 - 11.05am Why a Commitment Management System is Critical to Safe Operations

Paul Moynagh,

Co-Founder, Fewzion

11.05 - 11.15am SmartCap: Zero Fatigue Incidents is a Reality

Daniel Bongers,

Chief Technology Officer, SmartCap Technologies

11.15 - 11.25am Crush and Pinch Point Hand Protection - Answering the Call for Design Innovation

Warren Krause,

Managing Director, Protective Industrial Products (Aust.)

11.25 - 11.35am ATOMic Vending Solutions

Darren Cowan,

Atomic Services Sales Manager, ATOM

11.35 - 11.45am Securing Your Assets Underground

Nic Visser,

National Sales Manager, Industrial Communication Solutions

11.45 - 11.55am Making the Healthy Choice the Easy Choice

Gary Evans,

Innovation and Growth Superintendent, Easternwell Camp Management
Alison Abbott, A/Manager, Healthy Workers Initiative, Workplace Health and Safety Queensland

11.55 - 12.05pm Visualising the Invisible Threat of Fatigue

Kellen Timboe,

Safety Technology Representative & Dealer Enablement, Caterpillar

12.05 - 12.15pm We Know Your Workers are in Safe Hands, but are the Hands of Your Workers Safe?

James Buckley,

Senior Accredited Exercise Physiologist, KINNECT

12.15pm - 1.15pm LUNCH AND TRADE DISPLAYS – Pavilion Lawn

Proudly Sponsored by Peabody Energy Australia

1.15pm - 2.45pm CONCURRENT PAPERS

Pavilion Ballroom

SYSTEMS AND LEADERSHIP

Proudly Sponsored by **LifeAid Pty Ltd**

Chair: Paddy Kearney, Director Land Holder Relations & Exploration SSE, Peabody Energy Australia

1.15 – 1.45pm

George Fisher Mine: Leading with Safety

Stuart Reid

Mine Manager, George Fisher Mine, Glencore Mount Isa Mines

1.50 – 2.15pm

Why are so Many Contractors Involved in Fatalities and Serious Accidents?

Graham Callinan

Inspector of Mines, Department of Natural Resources and Mines

2.20 – 2.45pm

Working Groups - Making Our Systems and Processes Work for Us

Justin Joubert

Safety, Health and Environment Manager, Anglo American - Grosvenor Mine

Southport Room 1

PROXIMITY/VEHICLE INTERACTIONS

Proudly Sponsored by **GCG Health Safety and Hygiene**

Chair: Tilman Rasche, Senior Inspector of Mines, Department of Natural Resources and Mines

1.15 – 1.45pm

Mobile Equipment Interaction/Separation

Cres Bulger

Inspector of Mines, Department of Natural Resources and Mines

1.50 – 2.15pm

A Scenario-based Comparison of Underground Coal Mine Proximity Detection Systems

André De Kock

Principal Engineer, Simtars

2.20 – 2.45pm

EMERST - Vehicle Interaction Technology Performance Requirement Overview

Tony Egan

Manager Project Governance, GLENCORE

Southport Room 2

DUST MONITORING AND CONTROLS

Proudly Sponsored by **Dust-eze**

Chair: Nikky LaBranche, Acting Director - Occupational Hygiene, Environment and Chemistry Centre, Simtars

1.15 – 1.45pm

Respirable Dust Monitoring for Underground Coal

Anne Kelly

Health, Safety and Environmental Scientist, Simtars

1.50 – 2.15pm

Real-time Gravimetric Personal Monitoring of Respirable Dust

Jordan Taylor

Operations Superintendent, Anglo American - Moranbah North Mine

2.20 – 2.45pm

Review of Dust Control Strategy Optimisation Using Real-time Respirable Dust Monitoring

Dr Hsin Wei Wu

Director and Mine Ventilation Consultant, Gillies Wu Mining Technology Pty Ltd

Southport Room 3

IMPROVING OUTCOMES

Proudly Sponsored by **Caterpillar**

Chair: Tony Howard, Head of Safety, Minerals Australia, BHP Billiton

1.15 – 1.45pm

Next Generation Shift Handovers for Greater Safety Performance

Daniel Weule

Managing Director, 5D Consulting

1.50 – 2.15pm

Stigma of Fatigue: The Motivation to Change Culture

Jenny Krasny

Senior Customer Safety Consultant, Caterpillar

2.20 – 2.45pm

Management of Diesel Exhaust Exposure: Maximising the Protection of Our People

Dr Rob McDonald

Vice President Health and Hygiene, BHP Billiton



CONFERENCE PROGRAM



2.45pm - 3.15pm **AFTERNOON BREAK AND TRADE DISPLAYS – Pavilion Marquee**
Proudly Sponsored by LifeAid Pty Ltd

3.15pm - 4.45pm **CONCURRENT PAPERS**

Pavilion Ballroom

LESSONS FROM THE PAST

Proudly Sponsored by **Mine Safety Institute of Australia**

Chair: Mark Raguse, Executive Officer, Australian Workers' Union

3.15 – 3.45pm
Lessons that Seem to have been Forgotten: A Review of Recommendations from Disaster Inquiries

Russell Albury

Acting Chief Inspector of Coal Mines, Department of Natural Resources and Mines

3.50 – 4.15pm
I am an ISHR, Not Your Mate!

Greg Dalliston
Industry Safety and Health Representative, CFMEU Mining & Energy Division Queensland District

4.20 – 4.45pm
Production is Our Number One Priority; Not Safety

James Coglian
District Workers' Representative, Department of Natural Resources and Mines

Southport Room 1

HEALTH IN THE WORKFORCE

Proudly Sponsored by **Croomo**

Chair: Liz Sanderson, Occupational Health Specialist, Anglo American Coal

3.15 – 3.45pm
Chronic and Degenerative Disease in the Mining Workforce

Dr Robin 'Sid' O'Toole

Occupational Physician, Resile

3.50 – 4.15pm
The Management of Risk Factors Associated with FIFO Workers' Mental Ill-health

Dr Jill Harris

Research Fellow, Minerals Industry Safety and Health Centre, The Sustainable Minerals Institute, The University of Queensland

4.20 – 4.45pm
Mental Health – The Moral Courage that Can Make a Difference

Brendan Davies

Manager Mining, CS Energy

4.50 – 5.15pm
New Hope Group's Peer Support Program: Mates Helping Mates

Katrina Mitchell

Human Resource Officer, New Hope Group and **Angela Dixon**, Peer Support Facilitator, Gryphon Psychology

Southport Room 2

LEGAL OBLIGATIONS

Proudly Sponsored by **Sparke Helmore Lawyers**

Chair: Shane Wright, SSE / Operations Manager / Mine Manager, GLENORE

3.15 – 3.45pm
How to Handle a Shrinking Budget: The Law

Fiona Austin

Special Counsel, Clyde & Co

3.50 – 4.15pm
How Much Information is Too Much Information?

Alan Girle

Partner, Workplace Relations and Safety Group, HWL Ebsworth Lawyers

4.20 – 4.45pm
When Three Worlds Collide

Laura Regan

Senior Associate, Workplace, Sparke Helmore Lawyers

Southport Room 3

TECHNICAL UNDERGROUND COAL

Proudly Sponsored by **Simtars**

Chair: Jason DeVoogd, Director, PIMS Group

3.15 – 3.45pm
Application of the QMRS GAG at Crinum North Mine

Emma Westthorp

Specialist Analysis and Improvement, BHP Billiton Mitsubishi Alliance

3.50 – 4.15pm
Learnings from 18 Level 1 Emergency Exercises

Martin Watkinson

Executive Mining Engineer, Simtars

4.20 – 4.45pm
Re-entering a Sealed Heating: How the Gas Indicators Change

Dr William Hitchcock

Project Officer, Simtars

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

6.30pm - 11.00pm **CONFERENCE DINNER and INNOVATION AND HEALTH PROGRAM AWARDS – Pavilion Ballroom**
Proudly Sponsored by GLENORE

6.30pm - 7.25pm **PRE-DINNER DRINKS – Pavilion Gallery**

7.25pm - 11.00pm **CONFERENCE DINNER – Pavilion Ballroom**

11.00pm **THE RESCUE STATION – Atrium Lobby Bar**

The presenters, topics and times 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.