- 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

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

787B Rear Strut Change-out Tool
Presenter: Mick Truscott, Equipment Maintenance Manager, Hastings Deering (Australia) Limited – Dawson Mine

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Conference Program

Underpan Spray Bar
Presenters: Kent Simpson, Beneficiation 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 Pulley 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.

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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, GLENCORE

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 Randoph
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: Damien Wynn, SSE / Operations Manager, 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

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
**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

Adam Garde

General Manager, UG Projects, Anglo American

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**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

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**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

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**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

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3.15 – 3.45pm
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 Coghlan
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

Southport Room 2
LEGAL OBLIGATIONS
Proudly Sponsored by Sparke Helmore Lawyers
Chair: Shane Wright, SSE / Operations Manager / Mine Manager, GLENCORE

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