

● SUNDAY 17th AUGUST

- 2.00pm – 6.00pm** **REGISTRATION – Townsville Entertainment and Convention Centre Foyer**
- 4.30pm** **CONFERENCE OPENING AND WELCOME**
Andrew Klein, Master of Ceremonies
Liz Sanderson, Chairman, Queensland Mining Industry Health and Safety Conference 2014
Cr Jenny Hill, Mayor, City of Townsville
- 4.50pm – 5.00pm** **LAUNCH - Queensland Mines Rescue Service Medical First Response Program**
Wayne Hartley, Chief Executive officer, Queensland Mines Rescue Service
Nino Di Marco, Chief Executive Officer, Royal Flying Doctor Service (Queensland Section)
Stephen Dean, Deputy Chief Executive Officer and Training Manager, St John Ambulance (QLD)
- 5.00pm – 6.00pm** **KEYNOTE PRESENTATION - *Proudly Sponsored by Rio Tinto Australia***
You Don't Need Wings to Fly!
Sam Bailey, Farmer
- 6.30pm** **WELCOME FUNCTION – The Museum of Tropical North Queensland -**
Proudly Sponsored by Peabody Energy
- 10.00pm to late** **THE RESCUE STATION – Lobby Bar, Jupiters Townsville**

● MONDAY 18th AUGUST

- 7.30am - 6.00pm** **REGISTRATION – Townsville Entertainment and Convention Centre Foyer**
- 9.00am** **KEYNOTE PRESENTATIONS - *Proudly Sponsored by Glencore Mount Isa and Ernest Henry Mines***
MC Andrew Klein
- 9.00am – 9.45am** **Extreme Leadership....at the Base of the Earth (where no one Hears You Scream)**
Rachael Robertson, Antarctic Expedition Leader
- 9.45am – 10.30am** **Safety for a Sustainable Life**
Rob Neale, Chairman Westside Corporation Ltd and Chairman Dart Energy Ltd
- 10.30am – 11.00am** **MORNING BREAK AND TRADE DISPLAYS - *Proudly Sponsored by Downer EDI Mining***
- 11.00am** **KEYNOTE PRESENTATIONS - *Proudly Sponsored by KINNECT***
- 11.00am – 11.45am** **Current Trends in Workplace Drug Testing**
Paul K Johnson, Chief Executive Officer, Express Diagnostics International Inc., USA
- 11.45am – 12.30pm** **Stroke: Keeping Your World Separate from Mine**
Dr Andrew Wong, Director, Neurology and Stroke, Royal Brisbane & Women's Hospital,
together with Dan Crowley, Executive Director, Verifact Risk Management Group
- 12.30pm – 1.30pm** **LUNCH AND DISPLAYS - *Proudly Sponsored by Sonic HealthPlus***
- 1.30pm – 3.00pm** **INNOVATION PRESENTATIONS - *Proudly Sponsored by Glencore Coal Australia***
Machine Door Lift Quick Detach System Attachment
Presenter: David Caley, Rio Tinto Coal Australia - Kestrel Mine
Hydraulic Valve Opening Tool
Presenter: Stephen Fairbrother, Rio Tinto Alcan Weipa
Hail Creek Mine Induction Program - Real Time Data Collection Tool
Presenter: Tony Mapp, Mastermyne and Mynesight
Cylinder Assembly Bench Roller
Presenter: Patrick Taylor, Hastings Deering (Australia) Ltd
Cylinder Cradle
Presenter: Lawrence Hansen, Copper Refineries Pty Ltd

3.00pm – 3.30pm **AFTERNOON BREAK AND TRADE DISPLAYS** - *Proudly Sponsored by Downer EDI Mining*

3.30pm – 5.15pm **INNOVATION PRESENTATIONS** - *Proudly Sponsored by Glencore Coal Australia*

Remote Grease Pressure Release System

Presenter: Mick Carr and Eric Morgan, Downer EDI Mining

Dragline Tub Maintenance Capsule

Presenter: Steve Kovac and Laurie Stanton, Ensham Resources Pty Ltd

Remote Control Bogging Light

Presenters: Kent Twiname, MMG Dugald River and Maarten Zuhorn, Alliance Safety Equipment

Timber Block Trolley

Presenter: Kasey Kehoe-Cox, Hastings Deering (Australia) Ltd

Crane Lifting Chain Trolley

Presenter: Trevor Horsnell and Matt Wendtman, George Fisher Mine, Mount Isa Mines

5.15pm – 6.30pm **THE RESCUE STATION – Lobby Bar, Jupiters Townsville**

5.15pm – 6.30pm **WIMARQ Function, Jupiters Townsville**

7.00pm - 10.30pm **INFORMAL DINNER and CHARITY AUCTION** in aid of the **Stroke Research Unit at the Royal Brisbane & Women's Hospital**

Proudly Sponsored by UVEX Safety Australia

● TUESDAY 19th AUGUST

7.30pm – 6.00pm **REGISTRATION – Townsville Entertainment and Convention Centre Foyer**

9.00am **KEYNOTE PRESENTATIONS** - *Proudly Sponsored by Glencore Coal Australia*

MC Andrew Klein

9.00am – 9.45am **A New Direction in US Mining Health and Safety**

Dr Susan Moore, Director, Division of Mining Science and Technology, Office of Mine Safety and Health Research, National Institute for Occupational Safety and Health, USA

9.45am – 10.30am **Challenging the Challenges of a Regulatory Environment in PNG**

Mohan Singh, Chief Inspector of Mines, Minerals Resources Authority, Papua New Guinea

10.30am – 11.00am **MORNING BREAK AND TRADE DISPLAYS** - *Proudly Sponsored by BHP Billiton Cannington*

11.00 - 12.30pm **KEYNOTE PRESENTATIONS** - *Proudly Sponsored by Anglo American Metallurgical Coal*

An Industry's Obligation to Care

11.00 - 11.25am **New Lamps for Old - "Good Health is Still Good Business in Today's Workplace"**

Dr Frank Fox, Manager Occupational Health, Anglo American, South Africa

11.30 - 11.55am **Health, It's not Icing sugar**

Tammy Farrell, Managing Director, Core Health Consulting

12.00 - 12.30pm **Your Heart Matters**

Sheree Hughes, Healthy Living Manager, National Heart Foundation of Australia (QLD Division)

● TUESDAY 19th AUGUST

11.00 – 12.30pm CONCURRENT PAPERS

Magnetic Room

ENGAGEMENT

Concurrent Session Sponsor: QML Pathology

Chair - Cowboy Stockham,
Northern District Secretary, Australian Workers' Union

11.00 - 11.25am

**Improving Equipment Design Through Industry OEM
Engagement – EMESRT**

Alan Miskin,

Director Safety, Training & Compliance, Peabody Energy

11.30 - 11.55am

**The Next Generation in Health and Safety Leadership
- A Case Study from Mount Isa Mines, a Glencore
Company**

Vaness Dodd,

Consultant, Conexus Consulting and

Maryann Wipaki,

HSEC Manager, Mount Isa Mines, Glencore

12.00 - 12.30pm

A Simplified, Risk-based Approach to Control of NORM

Dr Ian Ellison,

Senior Inspector of Mines, Department of Natural Resources and

Mines

Palm Room

MINE CLOSURES

Concurrent Session Sponsor: Sparke Helmore Lawyers

Chair - Simon Delander,
General Manager – HSE & Risk, Evolution Mining

11.00 - 11.25am

H&S Implications of Mine Closures

Wayne Scott,

*Inspector of Mines-Small Mines Strategy, Southern Region,
Department of Natural Resources and Mines*

11.30 - 11.55am

**The Legal Impact of Mine Closures and Abandoned
Mines**

Laura Regan,

Senior Associate, Workplace, Sparke Helmore Lawyers

12.00 - 12.30pm

**Rehabilitation of the Trekelano Mine-site - a Health
and Safety Perspective**

Rod Coe,

Manager Health, Safety, Environment and Community, Chinova

12.30pm – 1.30pm LUNCH AND DISPLAYS - *Proudly Sponsored by New Hope Group*

1.30pm – 3.00pm CONCURRENT PAPERS

Auditorium 1

UNDERGROUND COAL HAZARDS

Concurrent Session Sponsor: Protective Industrial Products

Chair - Samantha Evans,
Group Health & Safety Manager, Vale Australia

1.30 - 1.55pm

Coal Industry GAGING in 2014

Wayne W Hartley,
Chief Executive Officer, Queensland Mines Rescue Service and

Ken Liddell,
Director, Mining Research and Development Centre, Simtars

2.00 - 2.25pm

AiroDust Comparative Testing with Dry Stone Dusting – ACARP Study

Matt Ryan,
Director, Mining Attachments

2.30 - 3.00pm

Shotcreting Innovative and Practical Ways

Wade Kathage,
Compliance Manager, Anglo American Metallurgical Coal - Moranbah North Mine

Magnetic Room

SITE HEALTH ISSUES

Concurrent Session Sponsor: International SOS

Chair - Mauro Soto,
Corporate Health & Safety Manager, New Hope Group

1.30 - 1.55pm

Collaboration and Innovation for Workforce Health

Helen Scott,
Queensland State Manager,
Corporate Bodies International

2.00 - 2.25pm

FIFO Village Life: Improving Health and Wellbeing

Adam Rolfe,
Project Manager and Site Senior Executive,
ESS Support Services Worldwide

2.30 - 3.00pm

Camp Accommodation – Living on the Edge?

Cameron Dean,
Partner, McCullough Robertson

Palm Room

PROXIMITY DETECTION AND COLLISION AVOIDANCE

Concurrent Session Sponsor: SICK Pty Ltd

Chair - Alan Miskin,
Director Safety, Training & Compliance,
Peabody Energy Australia

1.30 - 1.55pm

Too Close for Comfort! - the Case for Proximity Detection and Vehicle Collision Avoidance Systems

Dr Tilman Rasche,
Senior Inspector of Mines, Department of Natural Resources – Mine Safety & Health

2.00 - 2.25pm

Case Study: Implementation of CAS/PD by Peabody Energy

Neville McAlary,
SVP Safety and Training,
Peabody Energy Australia

2.30 - 3.00pm

Selection of a Collision Management System Utilising MDG2007

Lionel Smith,
SA/Regional Inspector of Mines
Department Natural Resources and Mines

1.30pm – 3.00pm WORKSHOPS

The Pavilion

MENTAL HEALTH IN THE MINING INDUSTRY

Concurrent Session Sponsor: Health Security Education Pty Ltd

Chair - Adam Garde,
General Manager, Anglo American Grasstree Mine

Workshop

1.30 - 3.00pm

Facilitator:

Jaelea Skehan,
Acting Director, Hunter Institute of Mental Health

Introduction: A Strategic Approach to Improving Mental Health in the Mining Industry

Prof. Brian Kelly,
Professor of Medicine and Public Health, The University of Newcastle

How Mines can be Mentally Healthy Workplaces....and What to do if People are Struggling

Coral Sea Room

RISKGATE IN OPERATION

Concurrent Session Sponsor: SMI MISHC RISKGATE

Workshop

1.30 - 3.00pm

Facilitator:

Philipp Kirsch,
Associate Professor and Projects Manager, SMI-Minerals Industry Safety and Health Centre

This interactive and dynamic panel discussion will start with a succinct update about the RISKGATE system, followed by a number of mining company experts who will present on RISKGATE implementation at corporate and site level in their organisations.

Time will be available for an interactive panel discussion.

3.00pm – 3.30pm AFTERNOON BREAK AND TRADE DISPLAYS

Proudly Sponsored by BHP Billiton Cannington

3.30pm – 5.00pm CONCURRENT PAPERS

Auditorium 1

OPEN CUT STRATA MANAGEMENT

Concurrent Session Sponsor: Gryphon Psychology

Chair - Andrew Clough,
Chief Inspector of Coal Mines, Department of Natural Resources and Mines – Mine Safety & Health

3.30 - 3.55pm

Burton High Wall Challenge

David Wang,

Thiess Australian Mining Senior Technical Engineer, Burton Coal Project and

Matthew Tsang,

Thiess Australian Mining Geotechnical Engineer, Burton Coal Project

4.00 - 4.25pm

Open Cut Multiple Fatality Risk - Critical Control Effectiveness

Allan Gordon,

Regional Health and Safety Manager, Anglo American Coal (Australia and Canada)

4.30 - 5.00pm

Investigations into the Applications of Micro-seismic Sensing to Slope Stability Monitoring in Open-cut Mining

Ken Liddell,

Director, Mining Research and Development Centre, Simtars

Magnetic Room

RISK MANAGEMENT

Concurrent Session Sponsor: LifeAid Pty Ltd

Chair - Jim Randall,
Executive General Manager, New Hope Group

3.30 - 3.55pm

Engineering People Out of Harm's Way

Christian Mans,

Senior Geotechnical Engineer, Anglo American Metallurgical Coal

4.00 - 4.25pm

Wirtgen SM4200 Surface Miner Trial Implementation at New Acland Coal Mine

Alison Nugent,

Mining Engineer and

Trent Knack,

Maintenance Superintendent, New Hope Group

4.30 - 5.00pm

Holing Underground - An Example of the Swiss-Cheese Model

John Coughlan,

General Manager Operations and SSE, Kestrel Mine, Rio Tinto

Palm Room

COMMUNICATION SERVICES

Concurrent Session Sponsor: SafeStart

Chair - Larry Jaudon,
HSSE Manager, MMG Dugald River

3.30 - 3.55pm

Is Compliance Killing Performance?

Peter Smith,

Director and

Rod Sumner,

Director, Carve Business Solutions Pty Ltd

4.00 - 4.25pm

What Safety Can Learn from Neuroscience

Dean Meijer,

Senior Consultant, SafeStart

4.30 - 5.00pm

Optimising Safety Performance with the Brain in Mind

Heather Ikin,

Consultant Psychologist, TMS Consulting Pty Ltd

3.30pm – 5.00pm

WORKSHOPS

The Pavilion

HEAVY VEHICLE ROLLOVER PREVENTION PROGRAM

Concurrent Session Sponsor: Safe Option Solutions

Chair - Mark Bartlett,
General Manager Safety, Thiess Pty Ltd

Workshop

3.30 - 5.00pm

Facilitator:

Chris Stephens

Heavy Vehicle Safety Specialist, VicRoads

**Presentation and Demonstration Regarding Heavy Vehicle
Crash Mitigation Including Rollover**

5.00pm - 6.30pm

THE RESCUE STATION – Lobby Bar, Jupiters Townsville

6.30pm – 7.15pm

**PRE DINNER DRINKS – Townsville Entertainment and Convention Centre,
Forecourt**

7.30pm

**CONFERENCE DINNER AND INNOVATION AND HEALTH PROGRAM AWARDS
Townsville Entertainment and Convention Centre Auditorium**

Address by The Hon. Andrew Cripps MP, Minister Natural Resources and Mines

Proudly Sponsored by Ansell Healthcare

● WEDNESDAY 20th AUGUST

7.30am - 1.30pm

REGISTRATION – Townsville Entertainment and Convention Centre Foyer

8.30am – 10.00am

Addressing the “failure to learn” - *Proudly Sponsored by THIESS*

Session One: Why and What have we Failed to Learn?

This session will feature three presentations to set the scene for the workshop.

Mark Parcell of the Mine Safety Institute of Australia will address the “failure to learn” as it was identified by the Pike River Royal Commission, posing the questions – what have we failed to learn and why we have failed to learn from past disasters? Mark will also provide an overview of the recent fatalities in the Australian mining industry.

Retired Professor Jim Joy from the Minerals Industry Safety and Health Centre will discuss what Queensland mines can learn about their risk management processes from fatal incidents in general. He will pose the questions – what have we failed to learn and why we have failed to learn from these incidents? He will outline modes of learning failure before focusing on the hazards of inadequate energy control and risk evaluation, and discuss ways to improve control effectiveness.

Roger Kahler from Intersafe will then discuss the permanently disabling, non fatal accidents that occur at Queensland mine sites, illustrated with QComp data on the nature of these accidents. He will pose the questions – what have we failed to learn and why we have failed to learn from these incidents? He will highlight the different causes behind disasters, fatal accidents and permanently disabling accidents and that each needs to be addressed differently.

He will demonstrate the risk of ineffective investigations and poor information sharing, particularly the danger posed by continued inappropriate use of outdated models within the mining industry.

10.00am – 10.30am

MORNING BREAK AND TRADE DISPLAYS - *Proudly Sponsored by Australian Workers' Union*



● WEDNESDAY 20th AUGUST

10.30am – 12.00pm **Session Two: How Can we Improve the Mining Industry's Capacity to Learn?**

Proudly Sponsored by THIESS

Following the break the three presenters will be joined by a representative of mine operators (John Coughlan), mine workers (Greg Dalliston) and the Mines Inspectorate (Julie Devine) to provide their insights into what industry can do to address the failure to learn. Mark Parcell will then facilitate a discussion to engage the audience in identifying things that can be done in order to continuously improve the mining industry's capacity to learn from past mistakes.

12.05pm

FORMAL CLOSE OF CONFERENCE

Paul Harrison, Chairman, Queensland Mining Industry Health and Safety Conference 2015

12.30pm – 1.30pm **FAREWELL LUNCH** - *Proudly Sponsored by BHP Billiton Cannington*

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