



Safety & Health **everyone's** **business**

23 - 26 August 2009

**Townsville Entertainment & Convention Centre (TECC)
and Jupiters Townsville**



Conference Program

Conference Program proudly sponsored by Theiss Pty Ltd



Conference Program



Sunday 23rd August

2.00pm – 6.00pm

REGISTRATION – Townsville Entertainment and Convention Centre

4.30pm

CONFERENCE OPENING

Bruce Young, Master of Ceremonies

Welcome to Country

WELCOME

Stewart Bell, 2009 Conference Chair - Executive Director, Safety and Health Division; and Commissioner for Mine Safety and Health

The Hon Craig Wallace MP, Member for Thuringowa and Minister for Main Roads

5.00pm – 6.00pm

KEYNOTE PRESENTATION - *Proudly Sponsored by ADT Security*

Power of Positive Doing

Dr Phil Jauncey, Performance Psychologist

6.30pm

WELCOME FUNCTION – The Brewery - *Proudly Sponsored by Peabody Energy Australia*

10.00pm to late

THE RESCUE STATION – Lobby Bar, Jupiters Townsville

Monday 24th August

7.30am – 6.00pm

REGISTRATION – Townsville Entertainment and Convention Centre

8.30am

Bruce Young, Master of Ceremonies

8.30am – 9.00am

THE REAL MAN'S TOOL BOX

A DIY Health Manual For Men

Tammy Farrell, Managing Director, Core Health Consulting Pty Ltd

9.00am – 10.30am

KEYNOTE PRESENTATIONS - *Proudly Sponsored by BHP Billiton Mitsubishi Alliance*

The National Mine Safety Framework: Achieving Better Safety and Health Outcomes through National Consistency

The Hon Clive Brown, Chair, National Mine Safety Framework Steering Group

Harmonising Australian OHS Regulation: The Key Recommendations of the National OHS Review

Professor Richard Johnstone, Director, Socio-Legal Research Centre, Griffith Law School, Griffith University

10.30am – 11.00am

MORNING BREAK AND TRADE DISPLAYS - *Proudly Sponsored by Xstrata Queensland*

11.00am – 12.30pm

KEYNOTE PRESENTATIONS - *Proudly Sponsored by Downer EDI Mining*

The Shipping Industry - 2,000 Years On

Capt. Brett Whiteoak, Regional Shipping Manager – Australia, BP Shipping

“From Company Culture to Behaviours to Safety First” - Lessons from the Oil & Gas Industry

Paul Zealand, Executive General Manager, Upstream Oil & Gas, Origin Energy

12.30pm – 1.30pm

LUNCH AND TRADE DISPLAYS - *Proudly Sponsored by Southern Engineering Services Pty Ltd*

1.30pm – 3.00pm

Presentation by Dr Karl Kruszelnicki

INNOVATION PRESENTATIONS - *Proudly Sponsored by Coal Services Health & Safety Trust*

Chaired by Dr Karl Kruszelnicki

Remote Emergency Shutdown of Hydraulic Excavator

New Hope Coal; Mick Jeffreys and Bill Drysdale

Dipper Trip System Improvement Project

BMA Goonyella Riverside Mine; Brian Mann, John Langley and Warren Dale

Apron Feeder Locking Tool

Rio Tinto Alcan; Dan Draper and Chris Beinvenu

CAT 797B Rear Chassis Access Work Platform

Anglo Coal; Adrian Clarke and Trevellyn Evans

Water Reserve in Water Truck/Fire Fighting Appliance

New Hope Coal; Mick Jeffreys and Bill Drysdale

3.00pm – 3.30pm

AFTERNOON BREAK AND TRADE DISPLAYS - *Proudly Sponsored by Down Under Training*

Conference Program



3.30pm – 5.00pm

INNOVATION PRESENTATIONS

Chaired by Dr Karl Kruszelnicki

Longwall Boot End Conveyor Belt Guarding

BMA Coal; Mike Nesbitt and Eddie Booth

Joystick Test Module

MMG Century; Rod Dugmore and George Brischetto

AURT 572593 A Analyse & Evaluate Wheeled Mobile Plant Braking System Faults in NSW, Qld

Private Entry; Sam Lichos

Feeder Blockage Removal Device

BHP Billiton; Shane Phillips

Hydraulic Semi-Automatic Chain Control System

Xstrata Copper; Londt Van Der Merwe and Bruno De Valter

NSW Innovation Winner - Centennial Hydraulic Isolation Control System (CHCS)

Newstan Colliery Centennial Coal; Peter Bergin

5.00pm – 6.30pm

THE RESCUE STATION – Lobby Bar, Jupiters Townsville

6.30pm – 7.00pm

PRE DINNER DRINKS – The Grand Marquee, Jupiters Townsville

7.00pm

INFORMAL DINNER & CHARITY AUCTION IN AID OF ANGEL FLIGHT – The Grand Marquee, Jupiters Townsville

Proudly Sponsored by uvex safety Australia Pty Ltd

ENTERTAINMENT by Scott Williams AKA 'the Doctor'

Tuesday 25th August

7.30am – 6.00pm

REGISTRATION – Townsville Entertainment and Convention Centre

8.30am

Bruce Young, Master of Ceremonies

8.30am – 9.00am

A Storm in a Crib Hut

John Sleigh, Inspector of Mines, Mackay, Mines and Energy, DEEDI and Michael Rosengren, General Manager, Thiess Australian Mining

9.00am – 10.30am

KEYNOTE PRESENTATIONS – Proudly Sponsored by Xstrata Queensland

Automation Technology Making Mining Safer

Prof. Eduardo Nebot, Director, Australian Centre for Automation and Field Robotics, The University of Sydney

Safety at Rio Tinto is the Way We Work

Bill Champion, Managing Director, Rio Tinto Coal Australia

10.30am – 11.00am

MORNING BREAK AND TRADE DISPLAYS – Proudly Sponsored by BHP Billiton Mitsubishi Alliance

11.00am – 12.30pm

CONCURRENT PAPERS

Auditorium 1

Systems 1

Proudly Sponsored by
Dynamiq

Chair: Mark Ruston
General Manager, Mining, Golding

Critical Control Risk Registers

Paul Wood, SHEC Systems Specialist,
Anglo Coal Australia

BMA SAFE: From 42 Different Tools to 1

Christian Young, HSER, OHS Principal,
BHP Billiton Mitsubishi Alliance

The Role of Defect Elimination in Reducing Hazard Exposure

Stuart Tomlins, Superintendent,
Anglo Coal, Callide Mines

Magnetic Room

Technical & Engineering

Proudly Sponsored by
uvex safety Australia

Chair: Michael Holmes
General Manager, Xstrata Mount Isa
Mines

Too Close for Comfort – The Case for Proximity Detection Systems

Tilman Rasche, Senior Inspector of
Mines, Mines and Energy, DEEDI

A Holistic Look at Light-Heavy Vehicle Interaction

Luke McGarry, Project Manager,
Tarong Meandu Coal Mine,
Thiess Pty Ltd

Implications of Directional Control-Response Compatibility for Design of Mining Equipment

Robin Burgess-Limerick, Associate
Professor, Postgraduate Ergonomics
Coordinator, School of Human
Movement Studies, The University of
Queensland

Palm Room

Underground 1

Proudly Sponsored by
Simtars

Chair: Wayne Hartley
State Manager, Queensland Mines
Rescue Services

A Safe Chemical-Oxygen Self-Rescuer Changeover in Adverse Environment

Darren Brady, Manager OHECC,
Simtars

Emergency Mine Re-Entry and Knowledge Management

Geoff Nugent, Operations Manager,
Queensland Mines Rescue Service

CFD Simulation of Underground Coal Dust Explosions

David Humphreys, Principal
Consultant, SkillPro Services P/L
Greg Collecutt, Manager Advanced
Simulation, BMT WBM

Jupiters Pavilion

Health

Proudly Sponsored by
Respiratory & Sleep Specialists

Chair: Ian McDonnell
Manager Compliance, Peabody Energy

Health in the Heat: Combating Heat Stress at Surface Mines

Andrew Hunt, PhD Candidate,
Institute of Health & Biomedical
Innovation, Faculty of Health,
Queensland University of Technology

At last, a Sustainable Injury Reduction Program that Works! – Case Studies Revealed

Fleta Solomon, Managing Director,
Onsite Health Solutions

Functional Bridge

Jennie Sutcliffe, Superintendent –
Health & Safety, Xstrata Zinc Lead
Operations
Helen Poyzer, Superintendent, Health
& Medical Services, Xstrata Zinc Lead
Operations
David Rose, Physiotherapist/
Ergonomist, Mt Isa Physiotherapy

Conference Program



Tuesday 25th August

12.30pm – 1.30pm

LUNCH AND TRADE DISPLAYS - Proudly Sponsored by LifeAid Pty Ltd

1.30pm – 3.00pm

CONCURRENT PAPERS

Auditorium 1

Leadership

Proudly Sponsored by
Sparke Helmore Lawyers

Chair: Peter Westerhuis
CEO, Ensham Resources

Leadership and Safety- still not
Connected

Corrie Pitzer, Chief Executive Officer,
SAFEmap International

Crisis and Emergency Management –
the Leadership Challenge

Grant Chisnall, Director,
Dynamiq Pty Ltd

RBS - The Business Case for
Reinforcing Safety

Jess Ludwig, RBS Specialist
Consultant, SafetyWorks Group

Magnetic Room

Fitness for Work

Proudly Sponsored by
ADT Security

Chair: Jason Economidis
Vice President, HSEC, BMA Coal

Fitness for Work Policies in Coal
Mining

Gerard Tiernan, A/Manager, Health
Surveillance Unit, Safety and Health,
Mines and Energy, DEEDI

Fatigue Assessment: A Scientific
Approach in the Real World

Natalie Tindale, General Manager,
MB Solutions (Aust) Pty Ltd

Fatigue Risk? The Roles of Napping,
Depression and Alcohol

Brad Strahan, Managing Director,
Brad Strahan & Associates Pty Ltd

Palm Room

Safety Management

Proudly Sponsored by
MICOMM

Chair: Brian Selmes
Health and Safety Manager, Theiss

Safety at Aquila - Worst to Best in 4
Years!

Michael Downs, Mine Manager,
Capcoal Underground, Anglo Coal
Australia

The Next Steps Towards “Zero Harm”

Ray Parkin, Mining Consultant

Mining Safety Prosecutions

Chris Seymour, Principal,
Safety Scenario

Jupiters Pavilion

Systems 2

Proudly Sponsored by
Performance Training Pty Ltd

Chair: Greg Rowan
Head of Safety, Health & Environment,
Anglo Coal Australia

Formulating an Integrated OH & SMS
for our Business

Brendan Callaghan, Manager,
Health, Safety & Training, Xstrata Zinc

One BMA, End to End Contractor
Management System

Jane Moss, Occupational Health and
Safety Manager, BM Alliance Coal
Operations Pty Ltd

A Risk Assessment of Induction
Training

Deanna Hutchinson, Chief Advisor,
Learning and Development, Mining
Industry Skills Centre

Renee Gallimore, Research Officer –
Learning and Development, Mining
Industry Skills Centre

3.00pm – 3.30pm

AFTERNOON BREAK AND TRADE DISPLAYS - Proudly Sponsored by Respiratory and Sleep Specialists

3.30pm – 5.00pm

CONCURRENT PAPERS

Auditorium 1

Underground 2

Proudly Sponsored by
Peabody Energy Australia

Chair: Brett Garland
General Manager,
Resource Development,
New Hope Coal Australia

ACARP Project C14036 Dust Control
Technology Development for
Longwall Faces - Shearer Scrubber
Development

Brian Plush, Senior Consultant,
Environmental Contamination
Controls

Trigger Action Response Plans in
Underground Coal Mines - Tips, Tricks
and Pitfalls

David Cliff, Operations Manager,
Minerals Industry Safety and Health
Centre

Australian Sealing Practice and use
of Risk Assessment Criteria ACARP
Project 17015

Hsin Wei Wu, Director, Gillies Wu
Mining Technology Pty Ltd

Magnetic Room

Data Schemes & Modelling

Proudly Sponsored by
Down Under Training

Chair: Mauro Soto
Safety Manager, Peabody Energy

ISOgate - A Global Isolation Risk
Management Decision Support Portal

Gul Kizil, Senior Research Officer,
Minerals Industry Safety and Health
Centre

HFACS-MI Analysis of Queensland
Mining Incidents

Trudy Tilbury, A/Senior Principal
Ergonomist/Principal Human Factors
Advisor, Mines Safety and Health,
Mines and Energy, DEEDI

Using OMAT to Understand
Equipment Design Issues

Brad Pritchard, Occupational
Therapist, Xstrata Copper, Mt Isa
Mines

Tristan Cooke, PhD Candidate,
Minerals Industry Safety and Health
Centre

Palm Room

Occupational Health

Proudly Sponsored by
**CFMEU Mining & Energy
Division**

Chair: Peter Newman
Executive General Manager,
HSE & HR, Downer EDI Mining Pty Ltd

Occupational Health Hazards in
Minerals Exploration - Assessing the
Known and Unknown

Dustin Bennett, Principal Consultant
OHS, Hygiene, GCG Health Safety &
Hygiene

Similar Exposure Groups and the
Importance of Clearly Defining Them

Gavin Irving, Principal HSE Scientist,
Simtars

Hearing Assessment is an Essential
Part of Hearing Conservation

Kevin Hedges, Senior Principal
Occupational Hygienist, North Region
Safety and Health, Mines and Energy,
DEEDI

Jupiters Pavilion

General

Proudly Sponsored by
Drake WorkWise Pty Ltd

Chair: Doug White
Deputy Chief Inspector DEEDI,
Queensland Mines & Energy

EMESRT - Driving Mining Equipment
Design Improvements

Phil Roberts, Superintendent Asset
Management, Xstrata Copper Mount
Isa

Safe, Skilled and Productive
Supervisors

Deb Jones, Manager, Program
Delivery, Mining Industry Skills Centre

ISO 5006:16001 for Earthmoving
Equipment Operators Visibility

Peter Woodford, Managing Director,
LSM Technologies Pty Ltd

Conference Program

6.30pm – 7.15pm

PRE DINNER DRINKS – Townsville Entertainment and Convention Centre - Forecourt

7.15pm

CONFERENCE DINNER AND INNOVATION AWARDS – Townsville Entertainment and Convention Centre - Auditorium - Proudly Sponsored by CFMEU Mining and Energy Division

Address by The Hon Stephen Robertson MP, Minister for Natural Resources, Mines and Energy and Minister for Trade

ENTERTAINMENT Presenting 'Come Fly With Me' featuring Lesley Hancock and Leave it to Diva

Wednesday 26th August

7.30am – 1.30pm

REGISTRATION – Townsville Entertainment and Convention Centre

9.00am – 10.00am

Aligning People and Systems – the Journey to a Resilient Culture

By aligning these two critical components to provide a realistic and sustainable base we can determine where to 'draw the line in the sand' allowing for the development of efficient, strategic plans to move forward
David Reece, Senior Consultant, The Safety Managers

10.00am – 10.30am

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

10.30am – 12 noon

FACILITATED SESSION - Proudly Sponsored by Anglo Coal Australia

Raising the Bar to Achieve Zero Harm - what will it really take?

Key stakeholders from unions (AWU and CFMEU), mining organisations and government will debate the current status of the industry and what it will take to move forward in its endeavours to reach ZERO HARM

Facilitator: Jenny Brockie, Journalist and Broadcaster

12 noon – 12.15pm

FORMAL CLOSE OF CONFERENCE

Michael Roche, 2010 Conference Chair – Chief Executive, Queensland Resources Council

12.30pm – 1.30pm

FAREWELL LUNCH - Proudly Sponsored by Downer EDI Mining



Sponsors



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