



Institution of Fire Engineers Australia Branch

Fire Engineering Conference

Mining and Industrial Fire and Risk Engineering

Noosa Heads, Queensland

10th and 11th April 2013





Mining and Industrial Fire and Risk Engineering Conference



IFE Australia is proud to present the 2013 Fire Engineering Conference '**Mining and Industrial Fire and Risk Engineering**' at the RACV Resort, Noosa Heads, Queensland on Wednesday the 10th and Thursday the 11th of April.

This conference addresses the linked fields of fire and risk engineering, fire technology, human behaviour and mining/industrial occupational health and safety by bringing together both local and international experts in these fields over 4 focused technical sections. As it is presented at one of the world's prestigious but relaxed coastal Mecca's, the rules of the conference are quite simple - 'Informal and Informed'.



The problem of mine fires is not a new problem, however the predominant subjects of mine fire research and technology development to date relate to the natural phenomenon of spontaneous combustion of coal or the results of explosions of flammable gas and/or dust released during mining operations.

This area of fire risk in mining is very important to life safety and asset loss control and remains largely unexplored. It presents considerable uncertainty to safe mine design.

Furthermore, much of our mined and gathered resources are handled further 'downstream' in complex industrial processing plants having their own unique fire safety challenges.

A significant opportunity exists to now apply a mature performance based fire engineering approach to mining and industrial processing facilities, particularly under a modern risk-based legislative framework that the mining and associated industries are moving into.



Part 1: Wednesday Morning 10th Feb 2013

Professor David Cliff – Keynote Speaker “The importance of fire engineering in underground mines”



David Cliff was appointed Professor of Occupational Health and Safety in Mining and Director of MISHC in 2011. His primary role is providing education, applied research and consulting in health and safety in the international mining and minerals processing industry. He has been at MISHC over twelve years, working in the industry for over 24 years. He has conducted research across the broad spectrum of occupational health and safety in mining. He provided expert testimony to the Moura No.2 Warden's inquiry and the Pike River Royal Commission as well as providing assistance in over 30 incidents at mines.

Part 2: Wednesday Afternoon 10th Feb 2013 ‘Mining

Professor Jose Torero – Keynote Speaker “Mining Fire Safety: reducing losses or losing opportunities”



Professor José L. Torero is the Head of the School of Civil Engineering at The University of Queensland. He is a leader in the field of Fire Safety Engineering where he specializes in the behavior of fire in complex environments such as forests, mines, tall buildings, novel architectures, tunnels, aircraft and spacecraft. He holds a BSc for the Pontificia Universidad Católica del Perú (1989), and an MSc (1991) and PhD (1992) from the University of California, Berkeley. Jose is a Chartered Engineer (UK), a fellow of the Royal Academy of Engineering (UK) and the Royal Society of Edinburgh.

Jose joined The University of Queensland in 2012 following appointments as the Landolt & Cia Chair in Innovation for a Sustainable Future at Ecole Polytechnique Fédéral de Lausanne, BRE Trust/RAEng Professor of Fire Safety Engineering at The University of Edinburgh, Associate Professor at the University of Maryland and Charge de Recherche at the French National Centre for Scientific Research.

Part 3: Thursday Morning 11th Feb 2013 ‘Mining

Ms Marlize Andre – Keynote Speaker “Industrial Fire Engineering”



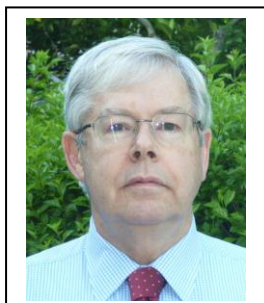
Ms Marlize André qualified as a mechanical engineer in South Africa in 2002 and is registered as a Professional Engineer with the Engineering Council of South Africa. Marlize's role within Eskom (South African Power Utility) has advanced over 11 years to her current key role as Chief Engineer specialising in Fire System Engineering.

One of her key responsibilities for Eskom's portfolio which comprises of 27 power generating utilities, which includes technologies such as Coal-fired, Pumped storage, Hydroelectric, Open cycle gas turbine and Wind power stations is to provide direction in relation to fire protection services, fire risk management and ensuring on going fire design governance is continually maintained to best industry practice within Eskom.

As a key South African client and stakeholder in a number of major power utility fire system upgrades as well as new build power utilities under construction, she is well experienced and well placed to provide guidance to both industry and her own organisation on industrial fire and risk matters.

Part 4: Wednesday Afternoon 11th Feb 2013 ‘Mining

Mr Peter Hunt –Keynote Speaker”Industrial Facilities Fire Engineering Challenges”



W,V,Peter Hunt is a chemical engineer. For the last 13 years he has been consulting in technical safety issues as Principal Consultant of Whamcorp Pty Ltd, prior to which he held many roles in the chemical industry. He is a Fellow of the Institution of Engineers Australia and a Fellow of the Institution of Chemical Engineers. He is a Vice President and the Immediate Past President of the Australasian Institute of Dangerous goods Consultants

Registration: Registration closes the 5th of April 2013

Cancellation Policy: *Understand that once monies have been paid they will not be refunded*

Method of Payment: register online visit the conference website:

<https://register.eventarc.com/13807/mining-and-industrial-fire-and-risk-engineering-conference>

Note: Payment is required for registration. All payments must be received prior to the conference

Payment Cost Structure

1 x Day Delegate Member (No social events included) \$500 **IFE members' discount**

1 x Day Delegate (No social events included) Non-Member \$600

Full Delegate Member (Including social events) \$1000 **IFE members' discount**

Full Delegate Non-Member (Including social events) \$1200

Special Offer for Non-Members: \$1,250 Full Delegate **PLUS IFE Affiliate Individual membership**
(Pay \$1,250 online and then contact IFE Aust National Secretary to fill out your application form)

Social Events: Additional Conference cocktails and dinner \$190

Dress: Neat casual for the cocktails, conference dinner and conference

Venue



RACV Resort, Noosa Heads, Queensland, Australia Wednesday 10th – Thursday 11th April 2013



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