

# ICOMS ASSET MANAGEMENT CONFERENCE

## PROGRAM AND REGISTRATION BROCHURE

KEYNOTES

PRESENTATIONS

ASSET MANAGEMENT STANDARD FORUM

WORKING GROUP SESSIONS

NETWORKING

TRADE SHOW



21 - 24 JUNE 2010  
ADELAIDE UNIVERSITY



ASSET MANAGEMENT COUNCIL

# 14<sup>th</sup> Annual ICOMS Asset Management Conference Adelaide 2010

## “Maintenance and Beyond” 21-24 June 2010

### Your Hosts: Adelaide Chapter

Byron Martin is the 2010 Adelaide Chapter Chair. Byron is an Adjunct Senior Lecturer and Mechanical Testing Manager at the University of Adelaide and he is the Manager of MechTest. Byron is also a self-employed consultant in industrial acoustics and vibration, including condition monitoring.

### What is ICOMS Asset Management Conference?

ICOMS Asset Management Conference is the Asset Management Council's annual technical symposium. It commenced in 1994 as a maintenance conference, but now encompasses all aspects of engineering asset management, such as AM principles, processes, configuration management, continuous improvement, demand management, integrated support, operations and maintenance and systems engineering. Both technical and managerial aspects of asset management are covered.

ICOMS Asset Management Conference differs from other conferences and trade shows in that both its speakers and delegates come from a wide spectrum of organisations and industries. All members and supporters of the asset management profession, be they end-users, academics, consultants or providers of asset management services, are welcomed and invited to participate.

In 2010, we are offering a variety of new ways for delegates to be involved. In addition to attending plenary keynote, full paper and practical paper presentations, delegates will also be able to participate in interactive panel discussions, round table workshops and AMC technical group open forums. Lengthy breaks between sessions and various evening functions will provide ample opportunity for delegates to network with keynotes, speakers and other attendees.

### Who should come to ICOMS?

Anyone interested in maximizing equipment reliability, increasing plant performance or enhancing their company's profitability through better or smarter asset management should come to ICOMS. It is also the perfect forum for asset management professionals wanting to learn from, or share their experiences with, other like-minded individuals.

### Presenting at ICOMS

There are various mechanisms for presenting at ICOMS. Firstly, authors can submit full papers (as traditionally seen at ICOMS) that are peer-reviewed prior to the conference and subsequently published in a formal proceedings. Alternatively, authors can submit short papers. These papers, which are also checked by the conference technical team to ensure that the proposed material is fresh, challenging, sound and relevant, are not peer-reviewed and not included in the official conference proceedings. Both full and short papers must be presented by one of their authors during the conference.

### A Note from the Technical Chair

The conference technical organizing committee will endeavor to ensure that the final program is both interesting, different and of the highest quality possible. However, ultimately it is up to you. As members of the Asset Management community, it is your knowledge, your experience, your insight and your willingness to participate that will make ICOMS Asset Management Conference 2010 a conference to remember.

I hope to see in Adelaide.

Jo Sikorska

ICOMS 2010 Technical Chair

### ICOMS TECHNICAL TEAM

Joanna Sikorska, CASWA (Chair)

Deryk Anderson, MMS

Steve Berquist, Fluor

Terry Howard, Railcorp

Peter Crosby, ASC

Melinda Hodkiewicz, University of Western Australia

## Opening Speakers



**John Hardwick**

Chairman, Asset Management Council



**Paul Agar**

Group General Manager  
Asset Management and Implementation  
Transfield Services

## Keynote Speakers



### **Is Asset Management A Profession?**

Penny Burns

Principal Director, AMQ International  
Editor of "Strategic Asset Management"



### **Adding The Spatial Dimension**

Jim Gaha

Executive General Manager, Infrastructure  
Services, Transfield Services



### **Steps To Developing An Effective Integrated Corrosion Management Program To Minimise Costs & Extend Life**

Rolf Gubner

Director Western Australian Corrosion  
Research Group, Curtin University of  
Technology

## Keynote Speakers



### **Urban Water Industry – Complex Operating Environment, Adaptive Asset Management**

Anne Howe

Chief Executive, South Australian Water  
Corporation



### **Asset Management "We are all in this together"**

John Hardwick

Executive Manager - Maintenance and  
Replacement Planning, EnergyAustralia



### **Fighting The Maintenance Crisis**

Joel Leonard

'The Maintenance Evangelist' of SkillTV.net,  
USA



### **The Journey To Predictable Reliability Through The Enhancement Of A Proactive Maintenance Organisation Using People Development And Modern Maintenance Techniques**

Keith Mottershead

Manufacturing Services and Facilities  
Operations Manager, Rolls Royce, UK

## Update on ISO Standard Development

**DATE: Monday 21st June, 2010**

In June 2010, the Asset Management Council is holding a forum to consult our stakeholders. Given that the term "asset management" has many interpretations, how would you see an international standard on asset management encompassing your views and the subsequent application to your industry/sector?

Australia's participation in the development of an international standard for asset management sees a team of representatives from peak Australian bodies forming an 'Australian Development Team'. The role of each peak body is to properly represent its constituency and also to effectively communicate and discuss project progress with its stakeholders. This team has been formed, and is managed, by Standards Australia.

The Asset Management Council is participating in this process and invites you to come and hear more about the project development at the ICOMS Asset Management Conference

2010. Most importantly, we hope you will participate in our open forum discussion to help distil what we want as a country, and to assist development of a unified Australian view of the Standard for Asset Management.

### **Program**

- Dependability Standards  
Jean Cross, University of New South Wales
- Local Council requirements  
Peter Way, Chair IPWEA
- Points of view from our stakeholders  
Derek Perkins, Standards Chairman
- Should the water industry be included in this standard?  
Danielle Roche, City West Water
- An open forum discussion.
- Other speakers to be arranged.

There will be a small fee for those participating in the forum. Admittance will be complimentary for full conference delegates.

**ICOMS Asset Management Conference**  
**Preliminary Program Please note that this program is subject to change**

**Monday 21<sup>st</sup> June 2010**

Registration Opens

**Forum on ISO Standard**

Welcome Function sponsored by The Asset Partnership

**Tuesday 22nd June 2010**

Keynote Addresses

**Urban Water Industry – Complex Operating Environment, Adaptive Asset Management**, A Howe, SA Water, Australia  
**Fighting The Maintenance Crisis**, J Leonard, SKILLTV.net, USA

Morning Tea sponsored by Monash University

Keynote Addresses

**Is Asset Management a Profession?** P Burns, AMQ International, Australia

Panel Discussion

**Is strategic asset management a concept or a reality?**

Lunch – sponsor to be announced

<i>Standards &amp; Data</i>	<i>Human Dimensions in Asset Management</i>	<i>Asset Management Implementation</i>
<b>Progress In Applying PAS 55 In Australia</b> S Lemon, AMCL Pty Ltd, Australia	<b>Back To Basics, Making Common Sense Common Practice Again</b> WG Reed, SKF Indonesia, Indonesia	<b>Asset Management Implementation At Leading Oil Refinery In Asia</b> V Anantaratikun, SKF Asia Pacific, Thailand
<b>Does An Asset Management Standard Already Exist?</b> J Kennedy, Interlogis Consulting, Australia	<b>Deploying Work Management And Organisational Reform</b> P Durrant, R Platfoot, Covaris Pty Ltd, Australia	<b>State Water's Asset Management Experience</b> G Mackintosh, State Water Corporation, Australia
<b>Using Web 2.0 Tools To Facilitate Knowledge Transfer In Complex Organisational Environments - A Primer</b> G Murphy, CIEAM, QLD	<b>The Role Of Trust In Inter-Project Knowledge Transfer</b> A Wiewiora, G Murphy & B Trigunaryah, QUT, Australia	<b>Identifying The Steps From Maintenance To An Asset Management Based Business Improvement Approach</b> G Hopkins, Logica, Australia

Afternoon Tea – available for sponsorship

<i>Roundtable: Implementing CMMS</i>	<i>Lifecycle Modelling</i>	<i>Business Improvement</i>
<b>Users outlining key aspects of their experiences to date in implementing CMMS</b> Organisations represented include EnergyAustralia – Murray Chandler Woodside Energy Ltd - Ernst Krauss BHP IronOre - TBA	<b>Extracting The Value From Life Cycle Modeling</b> R Johnson, Rylson Pty Ltd, Australia	<b>How To Improve Profitability Of Metal Mills Through Asset Management Services</b> L Dong, HN Sun, SKF China Ltd, China
	<b>Forecasting Renewal Expenditure For Council Buildings</b> D Kumar and I Patnaikuni, RMIT University	<b>Leading Performance Management Solutions For The Global Utilities Sector</b> T Saker & R Champagne, UMS Group Asia Pacific, Australia

Student Evening

**Wednesday 23rd June 2010**

Keynote Addresses

**Steps to Developing an Effective Integrated Corrosion Management Program to Minimise Costs & Extend Life**  
R Gubner, Curtin University of Technology, Australia  
**Asset Management – We Are All In This Together**  
J Hardwick, EnergyAustralia, NSW

Morning Tea – available for sponsorship

Panel Discussion

**Is corrosion and structural degradation a major subject of denial in asset management today?**

Lunch– sponsor to be announced

<i>RAM Modelling</i>	<i>Maintenance Management</i>	<i>Roundtable on Standards for Life Cycle Data Management</i>
<b>Asset Management And Availability Modelling</b> K Field and M Chadderton, Santos Ltd, Australia	<b>Maximising The Remaining Life Of Cranes</b> J Sikorska and P Kelly, CASWA, WA, Australia	ISO 15926 addresses several information management challenges for the owners and operators of capital intensive plants. When a plant is contracted to be designed and built, ISO 15926 should form part of the requirements for the handover data deliverables. The result should include: Rapid, low-cost verification of the fulfilment of the contract terms. Reduced cost of bringing handover data into the enterprise systems.
<b>Computer Modeling Of Maintenance Policy Change In Defence</b> G Kerr & S Nesterov, ASC Pty Ltd, Australia	<b>Optimum Planned Downtime</b> G Wood, NSW, Australia	
<b>Modelling Tools To Predict The Condition Of Underground Sewer Assets</b> R May, D Tran, J Mashford & D Marlow, United Water International Pty Ltd, Australia	<b>Business Process Based Mapping Of Asset Management Maturity</b> WG Reed, SKF Indonesia, Indonesia	

## Wednesday 23rd June 2010 continued

Afternoon Tea – available for sponsorship

Advanced Modeling	Maintenance Management	Technology
<b>An Inspection Optimization Model For A System Subject To Hidden Failures</b> S Taghipour, D Banjevic & AKS Jardine, University of Toronto, Canada	<b>Steady State Maintenance In Rail</b> R Simpson, Railcorp, NSW	<b>Mobile GIS Implementation</b> S Harrison, Veolia Water Australia, QLD
<b>Throughput Centered Prioritization In The Presence Of Buffers</b> R Pascual, D Godoy & D Louit, Universidad Catolica de Chile, Chile	<b>Reconfiguring A Primavera Database System For Maintenance Projects</b> G Gan, Mulgrave Engineers, Australia	<b>Driving Best Practice Am-It Management - International Network Asset Management- Information Technology Services Consortium (NAMITS)</b> T Saker & E Keating, UMS Group Asia Pacific, Australia

Annual Dinner and Awards Night

## Thursday 24th June 2010

Keynote Addresses

**Adding The Spatial Dimension**, J Gaha, Transfield Services, Australia

Keynote Address speaker to be confirmed

Morning Tea – available for sponsorship

Panel Discussion

Do acquisition projects really include long term asset management implications in their decision making?

Maintenance Analysis	Condition Analysis	Risk Analysis and Management
<b>Quantification Of Cost Reduction In Asset Care Using Work History</b> R Platfoot, Covaris Pty Ltd, Australia	<b>Tube Metal Temperature Reading Improvements In Steam Cracking Furnaces</b> S Laurin, Genos	<b>Risk Analysis Of Wastewater Networks Infrastructure In Adelaide Using GIS/Infonet</b> N Mahoney, K Spoehr and R May, United Water, SA
<b>The Application Of Expert Knowledge To Implement An Intelligent Maintenance System</b> EJ Amaya & AJ Alvares, University of Brasilia, Brazil	<b>Three Dimensional Ground Penetrating Radar, The Next Evolution In Subsurface Imaging Of Buried Utilities: South Road, Regency Park, South Australia.</b> S Williams, GBG Australia Pty Ltd, Australia	<b>Asset Management As A Key Tool For The Delivery Of A Transport Regulator's Responsibility.</b> P Kohler & N Pelham, Australia
<b>Graded Quality Assurance In Risk Assessment And Asset Management</b> R Viswanathan & S Soos, Meridium International, Dubai	<b>Determination Of Wall Thickness And Condition Of Asbestos Cement Pipes In Sewer Rising Mains Using Surface Penetrating Radar</b> V Donazzolo, GBG Australia Pty Ltd, Australia	<b>Predicting The Impact Of Asset Performance On The Punctuality Of Services In A Metropolitan Railway</b> T Howard, Railcorp, NSW, Australia

Lunch– sponsor to be announced

Optimising Maintenance	Open Sessions	Implementation
<b>Defect Elimination Management - Implementation In An Operating Environment</b> G Elliott, Santos, Australia	<b>Awards Development</b>	<b>Implementing Asset Management</b> Speaker to be confirmed
<b>SF6 Emission Reduction From SSF6 Equipment, A Life Cycle Approach</b> ZN Jabiri & D Sharafi, Western Power, Australia	<b>AMBoK - what is it and where to take it?</b>	<b>Risk Based Replacement Of Water Mains</b> David Zhang, Sydney Water, NSW, Australia
<b>From Paper Mountain To Electronic Dashboard</b> P Litchfield, Mighty River Power, New Zealand	<b>Certification - what next?</b>	TBA

Afternoon Tea – available for sponsorship

Closing Address

**The Journey To Predictable Reliability Through The Enhancement Of A Proactive Maintenance Organisation Using People Development And Modern Maintenance Techniques**

K Mottershead, Rolls Royce Plc, UK

Farewell Function – available for sponsorship

## Friday 25 June

Training Courses

Asset Management Fundamentals

Risk and Reliability

## SPONSORS & EXHIBITORS

If you are a service or product provider, there is an excellent opportunity to raise the profile of your company to the next level by either sponsoring some of the events, or have an exhibition booth to showcase your products or services to the world of maintenance professionals.

### SPONSORS

#### Transfield Services

Principal Sponsor  
Contact: agarp@transfieldservices.com

#### Assetivity Pty Ltd

USB Proceedings Sponsor  
Contact: Sandy Dunn, sandy.dunn@assetivity.com.au

#### CIEAM CRC for Integrated Engineering Asset Manag't

Satchel Sponsor  
Contact: Jane Davis, jane.davis@qut.edu.au

#### The Asset Partnership Pty Ltd

Welcome Sponsor  
Contact: Stephen Young, stephen.young@assetpartnership.com

#### Monash University

Morning Tea Sponsor  
Contact: Mark Sandeman, mark.sandeman@sci.monash.edu.au

### EXHIBITORS

#### ARMS Reliability Engineers

Contact: John McIntosh, jmcintosh@reliability.com.au

#### Assetivity Pty Ltd

Contact: Sandy Dunn, sandy.dunn@assetivity.com.au

#### Asset Management Council

Contact: info@amcouncil.com.au

#### CASWA, WA

Contact: Joanna Sikorska, jo@caswa.com

#### Covaris Pty Ltd

Contact: Robin Platfoot, r.platfoot@covaris.com.au

#### OMCS International

Contact: Rob van Dulleman, rob@omcsinternational.com

#### Peerless Industrial Systems

Contact: Nick Subotsch, nick@epigen.com.au

#### Relegen Pty Ltd

Contact: Paul Bennett, paul.bennett@relegen.com

#### Rylson Pty Ltd

Contact: Derek Riley, driley@rylson.com.au

#### The Asset Partnership Pty Ltd

Contact: Stephen Young, stephen.young@assetpartnership.com

#### The Online Workshop

Contact: Geoffrey Montgomery, gmontgomery@theonlineworkshop.com

#### Transfield Services

Contact: agarp@transfieldservices.com

## Principal Sponsor

Transfield Services delivers essential services to key industries in the resources and industrial, property and infrastructure sectors. A leading global provider of asset management, operations, maintenance, and project management services, Transfield Services has more than 28,000 employees in Australia, New Zealand, the United States, the United Arab Emirates, Qatar, New Caledonia, South East Asia, India, Chile and Canada. Transfield Services Limited is publicly listed in Australia. Global Annual Revenue in 2009 was A\$4.3billion. [www.transfieldservices.com](http://www.transfieldservices.com)



## Registration Information

### Entitlements

#### Full Conference

- All Conference sessions
- A ticket to the Welcome Function, Awards and Conference Dinner and Farewell Function
- Morning and Afternoon Teas
- Lunches
- Entrance to exhibition
- Proceedings USB
- Conference programme book and handouts

#### Day registration fees include:

- Conference sessions for day of registration
- Lunch, morning and afternoon teas for day of registration (where applicable)
- Entrance to exhibition for day of registration
- Conference programme book and handouts
- 

#### Accompanying Persons fee includes:

- A ticket to the Welcome Function, Awards and Conference Dinner and Farewell Function
- Local Tours
- Name Badge

ICOMS® Secretariat:  
PO Box 245  
Surrey Hills Vic 3127

Phone: +61-(0)3 9830 4899  
Fax: +61- (0)3 9880 7511

[icoms@amcouncil.com.au](mailto:icoms@amcouncil.com.au)  
[www.amcouncil.com.au](http://www.amcouncil.com.au)

## Partner Program

Includes: Welcome Function (Monday night), Gala Dinner (Wednesday night), all tours, Monday, Tuesday, Wednesday and Thursday, and Farewell cocktail function Thursday.

The Partner Program for ICOMS Asset Management Conference 2010 offers opportunities to explore the exciting City of Adelaide and surrounding areas. Trips include:

### Tuesday 22nd June 2010 - Wine Tour of The Barossa Valley

A personalized exclusive tour with a specialist wine guide

- Time: 9.00am – 5.00pm
- Inclusions: Transfers, specialist guide, lunch, and tastings

The Barossa Valley is Australia's best known and most historic wine region. The region produces some of the country's finest wines, with names such as Rockford, Penfolds, Seppelt, Yalumba, and Peter Lehmann all based in the Barossa. Barossa winemakers craft brilliant Shiraz and are the custodians of some of the oldest Shiraz vines in the world. Other varieties grown include Cabernet Sauvignon, Grenache, Semillon, Riesling and Viognier. Settled mainly by immigrant Lutherans, the Barossa is passionate about celebrating its heritage and traditions. Its culinary traditions are obvious at the numerous butchers, bakeries, restaurants, farmers' market and wineries, while nineteenth century European influences are reflected in the churches, shops and homes in each of the pretty towns.

### Wednesday 23rd June 2010 - An Introduction to Aboriginal Culture

- Time: 9.00am – 1.00pm
- Inclusions: Guide, guided walk, bush food morning tea, entrance fees and coach.

In the company of an Aboriginal guide, learn about social history of early Aboriginal life, taste native bush food, explore cultural environments. Finally be introduced to the many facets of Aboriginal art.

### Thursday 22nd June 2010 - An Interlude in the Adelaide Hills

- Time: 9.30am – 4.30pm
- Inclusions: Guide, vehicle, entrance fees, lunch

Colonel Light, founder of Adelaide, once described the Mount Lofty Ranges that cradle Adelaide, as "the Enchanted Hills". Small Villages, orchards, vineyards, and beautiful gardens are all to be found here.

For more details, check out [www.amcouncil.com.au](http://www.amcouncil.com.au).

## Social Program

There will be a substantial delegate social program, to ensure the maximum opportunity to network with colleagues.

Monday: Exhibition Opening and Welcome Cocktail Reception, sponsored by The Asset Partnership

Wednesday: Asset Management Awards and Gala Dinner,

Thursday: Farewell drinks

## ABOUT ADELAIDE, AUSTRALIA

Bursting with character, Adelaide is a vibrant city with spectacular festivals, food, arts, culture, shopping and sports. Adelaide is the perfect venue with spacious boulevards and vibrant inner-city districts, sophisticated architecture and lush gardens with plenty of accommodation to choose from. You might want to immerse yourself in the culture of Adelaide's North Terrace, with its museums and city cafes. You might want to indulge in retail therapy while shopping at Rundle Mall, sample the tastes on offer at the famed Adelaide Central Market, or sip award-winning wines at the National Wine Centre.

Adelaide Guide - <http://www.southaustralia.com/Adelaide.aspx>

Visitor Guide - <http://www.cityofadelaide.com.au/home.html>

### To and From Airport

Adelaide Airport is 8km from the city centre and it takes approximately 15 minutes to drive. The airport services regional, domestic and international travellers in one building. The average taxi fare from the city centre to the airport is AUD\$15. Skylink Shuttle operates between the airport, city and Interstate Rail Terminal (Keswick). The cost is \$7.50 one way. Further details can be found at [www.skylinkadelaide.com](http://www.skylinkadelaide.com) or call 1300 383 783. Alternatively, JetBus links the airport and the city and some suburbs and further information can be found at [www.adelaidemetro.com.au/routes/airport.html](http://www.adelaidemetro.com.au/routes/airport.html).

### Local Weather

Of the Australian capital cities, Adelaide is the driest, and it has a semi-arid climate influence because of its dryness. However, the winter has fairly reliable rainfall with June being the wettest month of the year, averaging around 80 mm. Frosts are rare and there is usually no appreciable snowfall, except at Mount Lofty and some places in the Adelaide Hills. In June, temperatures average between 8 and 16 degrees Celsius.

## ABOUT Asset Management Council

The Asset Management Council (AM Council) is the trading name for The Maintenance Engineering Society of Australia (MESA), a non-profit organisation, and a Technical Society of Engineers Australia. Our vision is to be a leading regional group providing focus for physical asset management.

Our goals include

- Involve Australian industry in support of asset management definition, models and plans
- Create and promote a continuous learning culture for its members and the community
- Engage with Australian industry to promote good asset management
- Develop, document and promote good asset management practice and science
- Share knowledge with national and international asset management bodies of renown

Membership provides significant benefits which include priority access to events and publications, member only access to technical resources, priority notification of services and events and substantial price discounts. Membership is tailored to suit individuals and corporations through a range of membership levels including individual and corporate bronze, silver and gold. For more details, contact the office, 03 9830 4899, or visit the website, [amcouncil.com.au](http://amcouncil.com.au).

## Risk & Reliability for Good Asset Management

### Presenters

James (Jim) Kennedy, CPEng, is the Immediate Past Chair of the AM Council and has a 42 year perspective on the escalating importance of maintenance engineering and asset management.

Peter Kohler is currently Director of International Relations and the Asset Management Body of Knowledge (AMBoK) Project Director.

Gary Winsor is an electrical engineer and with over 28 years experience in the construction and maintenance of rail and electrical infrastructure.

### Introduction

- Introduction and general principles
- Why do we do RAMS?
- AM Council Asset Management Models
- Where does Reliability fit within the Asset Technologies model?

### Risk

- Why is reliability really important in risk?
- Safety outcomes from unreliability
- Top down and bottom up risk assessment techniques
- Maintenance as a risk management activity

## Asset Management Fundamentals

### Module 1: Asset Management Overview

Definitions of engineering assets and approaches to their management are provided along with an examination of the MESA/AMC concept of Capability Assurance. A model of engineering asset management and its relationship to capability assurance and the sustaining four principles is explained.

### Module 2: Asset Management within a Quality Framework

The definitions from Module 1 are related to evolving standards such as PAS 55-1 and ISO/IEC 15288. A simple top level business model including the placement of asset management is discussed. A hierarchy of models is provided including planning, lifecycle and technical processes. These are related to the MESA/AMC capability assurance model and typical examples discussed.

### Module 3: Risk, Reliability and Life Cycle Cost

A brief description of risk is followed with an examination of risk across the asset lifecycle. The risk management process defined in Australian Standard AS 4360 is described along with technological risk identification and analysis mitigation practices. Key risk tools including FMECA and FTA/ETA are noted and their application to engineering asset management explored. Asset reliability and availability and their role in technological risk management is described. The purpose and origins of Life Cycle Costing are explored and likely approaches to costing the different stages of the asset lifecycle tested.

### Reliability

- Reliability (RAMS) standards
- Probability of something happening
- Limitations of reliability data
- RCM - standards and general principles
- Service reliability versus inherent asset reliability
- Different models for different circumstances.
- Industry examples of different applications

### Human aspect of reliability

- Human factors
- Organisational factors
- Key role of culture and leadership and its impact on reliability

### Outcomes

- An awareness of risk and reliability, and how it relates to good asset management
- An introduction to a range of approaches and methods for risk and reliability assessment
- Case studies from a range of industries that illustrate how businesses may enhance decision making by the correct use of risk and reliability techniques.

### Module 4: Maintenance in the lifecycle

The role of maintenance in the asset lifecycle its definition and its objectives are reviewed. Types of maintenance and their placement within a model of maintenance are also explored. Some applied business risk based decision processes such as FMECA, RCM and Whole of Life Cost applicable to various types of maintenance actions and asset classes are examined. The role of leadership and culture including some successful case studies are also described.

### Module 5: Design for the Lifecycle

The importance of design in the asset lifecycle and its influence on future cost is examined. The role of business risk based solutions to performance requirements and the role of engineering authority and standards in that process are examined. The importance of systems engineering and configuration management are explored. The key role of capability assurance through out the asset lifecycle is emphasised using the asset technologies process model. The critical function of information throughout the lifecycle and the need to manage information as an asset is emphasised.

### Module 6: Summary and Review

A successful case study of change based on the described asset management models is presented and the reasons for success explored. Benchmarking opportunities in asset management are discussed. A short assessment of core concepts is undertaken.

For more details, visit the website.

# ICOMS Asset Management Conference Registration Form

[www.amcouncil.com.au](http://www.amcouncil.com.au)

[icoms@amcouncil.com.au](mailto:icoms@amcouncil.com.au)

## GENERAL INFORMATION

1. Please type or use BLOCK CAPITALS in ballpoint pen.
2. Return this form by mail or fax with your payment to the Asset Management Council
3. Cheques and bank drafts are to be made payable to the Asset Management Council in Australian dollars
4. Retain a copy of this form for your future reference.
5. All prices include GST.
6. Enquiries should be addressed to **ICOMS2010-** Asset Management Council Ltd, ABN 15 141 532 747  
**PO Box 245, Surrey Hills Vic 3127 Australia, Tel: ☎ +61-3 9830 4899 Fax: +61-3 9880 7511**

## DELEGATE INFORMATION

*(as preferred for name badge)*

Title: \_\_\_\_\_ First Name: \_\_\_\_\_ Family Name: \_\_\_\_\_

Position \_\_\_\_\_

Company: \_\_\_\_\_

Postal Address: \_\_\_\_\_

Postcode: \_\_\_\_\_ Country \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

## SPECIAL DIETARY REQUIREMENTS

Please detail:

## SUMMARY OF PAYMENT AND REGISTRATION DETAILS

Registration (see next page)	_____
Asset Management Fundamentals	_____
Payment for accompanying spouse or partner	_____
Payment for Additional Proceedings	_____
Payment for Additional Tickets	_____
<b>TOTAL</b>	_____

## PAYMENT DETAILS

- Payment by cheque/bank draft/ purchase order.  
Please enclose your cheque or draft or purchase order made out in Australian dollars to the Asset Management Council Inc
- Payment by web.  
Please pay on-line using your credit card. This payment will be via Paymate
- Payment by credit card  
Please debit my  Mastercard,  Diners,  Visa,  Amex

Card Number: \_\_\_\_\_

Name on Card: \_\_\_\_\_ Expires: \_\_\_\_ / \_\_\_\_

Signature: \_\_\_\_\_

**CANCELLATION POLICY:** 95% REFUND BY 5/5/10, 70 % BY 14/06/10. NO REFUND THEREAFTER.  
REGISTRATIONS MAY BE TRANSFERRED AT ANY TIME TO ANOTHER PERSON.

## ACCOMMODATION

OzAccom have been appointed to manage your Conference accommodation and air travel. Preferential hotel rates are offered to delegates of the Conference if booked through OzAccom. For bookings, please contact OzAccom on (toll free) 1800 814 611 or (07) 3854-1611. Alternatively, email OzAccom at [ozaccom@ozaccom.com.au](mailto:ozaccom@ozaccom.com.au) or fax, (07) 3854-1507. You may also wish to book online at the Asset Management Council Conference website.

## Registration Prices

### Conference

		Price	Member Price
<b>Full Conference Attendance</b> Includes attendance at all sessions on Tue, Wed & Thu, lunches and refreshment breaks, forum on Tues, proceedings USB, welcome function (Tue night), entrance to the exhibition, Gala dinner (Wed night) and farewell drinks.	Full conference	<input type="checkbox"/> 1,870	<input type="checkbox"/> 1,749
	Payment before April 30	<input type="checkbox"/> 1,650	<input type="checkbox"/> 1,529
	Presenter	<input type="checkbox"/> 1,540	<input type="checkbox"/> 1,419
	Presenter with payment before April 30 <sup>m</sup>	<input type="checkbox"/> 1,320	<input type="checkbox"/> 1,199
<b>Day Registration</b> Includes attendance at all sessions, lunch and refreshment breaks on the day of registration and entrance to the exhibition.	One day only	<input type="checkbox"/> 660	<input type="checkbox"/> 616
	Two days	<input type="checkbox"/> 1,320	<input type="checkbox"/> 1232
	Three days	<input type="checkbox"/> 1,980	<input type="checkbox"/> 1,848
<b>Accompanying partner</b> Includes welcome function (Mon night), Gala Dinner (Wed night), Tours Mon, Tue, Wed and Thu, and farewell drinks (Thu)	Name for registration badge _____	<input type="checkbox"/> TBA	<input type="checkbox"/> 365
<b>Technical Proceedings</b> Special offer for delegates only, to be picked up at registration desk during conference	USB (one USB version of the proceedings is included in <i>full</i> conference and conference/workshop registrations)	<input type="checkbox"/> _____ USB proceedings @A\$77 ea	
<b>Social Function Tickets</b> These tickets are included in the full conference delegate fee for full conference or partner fee, as detailed above	Welcome function (Mon)	<input type="checkbox"/> _____ tickets @TBA ea	
	Gala Dinner (Wed)	<input type="checkbox"/> _____ tickets @TBA ea	
	Farewell function (Thu)	<input type="checkbox"/> _____ tickets @TBA ea	
	Tour Tickets:	<input type="checkbox"/> _____ tickets POA	
<b>Training Courses Training Prices</b>			
<b>One Day Course Asset Management Fundamentals 25 June 2010</b> Registration includes course notes, lunch and refreshment breaks, and certificate.		<input type="checkbox"/> 770	<input type="checkbox"/> 660
<b>One Day Training Intensive Risk and Reliability 25 June 2010</b> Registration includes course manual, lunch and refreshment breaks, and certificate.		<input type="checkbox"/> 770	<input type="checkbox"/> 660
<b>Special Price for Full Conference Attendees</b>		<input type="checkbox"/> 440	<input type="checkbox"/> 330

### Key Times, 21-25 June 2010

Mon 21	Registration Opens	14:00
	Welcome Cocktails	17:00
Tues 22	Opening Session	08:30
Wed 23	Sessions start	08:30
	Awards Dinner	19:00
Thu 24	Sessions start	08:30
	Conference closes	17:00
Fri 25	Course	09:00 – 16.30

### ICOMS® Secretariat:

Phone: +61-(0)3 9830 4899  
 Fax: +61- (0)3 9880 7511  
 Email: [icoms@amcouncil.com.au](mailto:icoms@amcouncil.com.au)  
[www.amcouncil.com.au](http://www.amcouncil.com.au)