



Unique Regional Double Event

**MATERIALS INNOVATIONS:
MINES, PORTS & MATERIALS HANDLING**
and
Failure Analysis Training Course

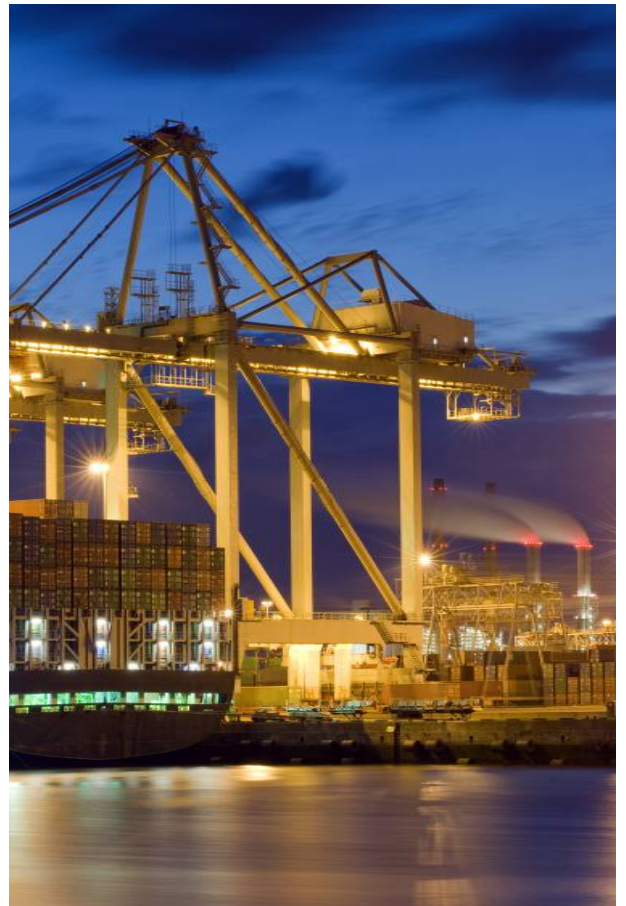
GERALDTON, AUGUST 17, 2010

African Reef Beach Resort

Broadhead Ave, Geraldton

8:30 am to 6:30 pm

Training Course – 18th and 19th August





Seminar Details 17th August 2010

The WA Branch of Materials Australia, the Materials Society of Engineers Australia, together with the EA Mid-West Group, is hosting a timely regional seminar presenting recent advancements in materials technology, materials developments and innovations that can save your industry significant downtime and money!!

This seminar is intended to attract delegates from across the operations and maintenance management spectrum, from maintenance managers, asset owners and the reliability engineering practitioners and service providers.

With a strong focus on the mining, processing, ports and materials handling sectors, we have invited a wide range of speakers all experts in their field to present at this unique event.

Opening Speakers

John Langoulant
CEO Oakajee Port and Rail

Dr Peter Mutton
Associate Director, Institute of Railway
Technology, Monash University



ENGINEERS
AUSTRALIA
Western Australia Division

Training Course 18th & 19th August 2010

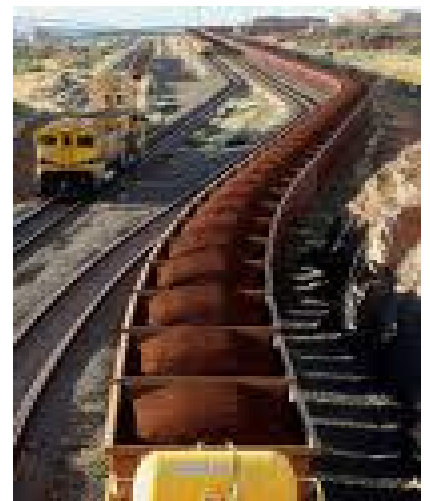
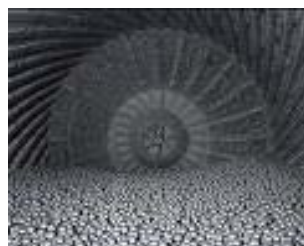
The seminar will be followed by a Materials Australia Two-Day Training Course:
Dates – 18th and 19th August, African Reef Beach Resort, Geraldton.

Failure Analysis

This dedicated course is designed to help engineering and maintenance professionals understand the performance and failure modes of common engineering materials.

Presented by well known Materials Authority, Bob Jensen, this tailor made training course is an invaluable tool in examining the main causes of failures and how materials properties can be applied to extend the life of key components and critical plant and equipment.

Various opportunities are available for sponsorship with three levels: **Bronze \$250, Silver \$500 and Gold \$1000.** Please contact **Bill Roberts at Central Institute on (08) 9382 5722 to discuss, or e-mail: bill.roberts@central.wa.edu.au.**



Technical Program Overview

Time	Session
8:30 – 9:00	Registration and Coffee
9:00 – 9:30	Welcome Speeches and Opening Presentation John Langoulant, CEO Oakajee Port and Rail
9:30 – 10:00	Keynote Address – Dr Peter Mutton, Associate Director, Institute of Railway Technology, Monash University, “The Contribution of Materials Engineering to the Development and Application of Materials in Mining & Minerals Transportation”
10:00 – 10:30	Johan Marais, Principal Consultant, Marais Consulting Engineers, “Railway Wheel Improvements over the Last Decade”
10:30 – 10:45	Morning Tea
10:45 – 11:15	John Grapiglia, Principal Consultant, Wood Group Integrity Management, “Cathodic Protection Theory and Practice”
11:15 – 11:45	Rodney Paull, Leader Materials Technology Group, GHD, “Design Life, Durability Design & Asset Maintenance - Asset Owner Requirements”
11:45 – 12:15	Liam Holloway, Corrosion and Materials Engineer, Savcor Finn, “Advances in Asset Protection and Rehabilitation Technologies”
12:15 – 1:15	Lunch
1:15 – 1:45	Stephen Wiche, General Manager, TUNRA Bulk Solids, University of Newcastle “Wear Life Prediction of Bulk Solids Handling Equipment Lining Materials”
1:45 – 2:15	Ross Browne, Works Manager, Austral Technologies “Development of Wear Package for Transfer Chutes”
2:15 – 2:45	Cathy Hewett, Product Development Manager – Plate and Block, Bradken, “Innovations in Wear Resistant Liner Design”
2:45 – 3:15	Mehdi Soodi, Metallurgist, Hardchrome Engineering, “Laser Cladding Technology: Repair, Refurbishment and Service Life Improvement”
3:15 – 3:45	Afternoon Tea
3:45 – 4:15	Andrew Ingram, Product Manager – Conveyor Solutions, Metso Minerals, “Innovative Conveyor Solutions”
4:15 – 4:45	John Riordan, Project Manager, Dotmar Engineering Plastic Products, “Polymers in Motion in Mining”
4:45 – 5:15	Alex Mackie, BD Manager, JLV Industries, “Recent Innovations in Cable Hauled and Conventional Conveyor Systems and Materials”
5:15 – 5:30	Panel Discussions
5:30 – 6:30	Drinks and Networking



Seminar & Training Course Registration

Tuesday 17 August, 2010 Geraldton - African Reef Beach Resort

Registration includes morning & afternoon tea / coffee, lunch and seminar proceedings on CD-ROM

Name	Position	Company	Email address

and/or full Training Course notes.

Postal Address:

Postcode:.....

Telephone: () Fax: ()

Registration Type	Registration Fee (please tick)
Materials Innovations Seminar – 17th August 2010	
IEAust or MA Member	<input type="checkbox"/> \$450 (incl GST)
Non-Member	<input type="checkbox"/> \$500 (incl GST)
2 day Failure Analysis Training Course – 18th and 19th August 2010	
IEAust or MA Member	<input type="checkbox"/> \$750 (incl GST)
Non-Member	<input type="checkbox"/> \$800 (incl GST)
Combined Registration – Both Events	
IEAust or MA Member	<input type="checkbox"/> \$1050 (incl GST)
Non-Member	<input type="checkbox"/> \$1150 (incl GST)
SUBTOTAL	\$

I wish to pay a total of \$ _____, payable to Materials Australia by

Cheque Mastercard VISA AMEX

Card Holders Name:

Card No: / / Exp Date: /

Cardholders Signature: Date:

If you require accommodation at the Venue, please contact the African Reef Beach Resort directly on 08 9964 5566, room rates up to \$135 per night, or the Ocean Centre Hotel 08 9921 7777. Delegates are to make their own way to Geraldton. Skywest provides direct flights to Geraldton from Perth, Paraburdoo and Karratha.

Please send your completed Registration form to:

Registrar, Materials Innovations Seminar (WA), c/o Materials Australia National Office
PO Box 19, Parkville, Victoria, Australia 3052
FAX: :+61 3 93267272 or e-mail: events@materialsaustralia.com.au

NB: CANCELLATIONS: A cancellation fee of \$50 applies until 30th July 2010. No refund will be given for subsequent cancellations. Only written cancellations will be accepted. Substitutions may be made at any time. This seminar is subject to cancellation if sufficient attendees are not obtained. Official notification will be given to participants 7 days prior to the scheduled date and Materials Australia will refund fees received.