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5TH REGIONAL MATERIALS TECHNOLOGY CONFERENCE

DATE: 8TH MAY 2015

VENUE: MERITZ HOTEL, JALAN MERBAU, 98000 MIRI, SARAWAK

THEME: MATERIALS TECHNOLOGIES FOR GLOBAL QUALITY AND SAFETY STANDARDS

IMM Miri Regional Chapter is organizing 5th Regional Materials Technology Conference (5thRMTC) in Miri as a platform for the sharing of experience and knowledge relating to issues in materials & corrosion, welding technology, inspection and asset integrity in the effort to sustain these aging facilities and to enable safe production and environment for our future generations.

Keynote Speakers



Asset Integrity
Mohd Azmi Mohd Noor
Head of Asset Integrity,
HSE PETRONAS



Materials Research and Teaching at
Curtin University Sarawak
Prof. Dr. Michael Cloke
Dean of Faculty of Engineering & Science,
Curtin Sarawak Campus

Conference Highlights

Materials Engineering

- 1) Introduction To Stainless Steel
- **Mark Lim Sooi San, UEM Builders Bhd**
- 2) Effective Finite Element method approach for Dynamic
- **Mah Hoe Tiang, Shin Yang Shipyard Sdn Bhd**
- 3) The Fractures on the Pressure Safety Valve on the Water Tube Boiler
- **Ir Che Mohammad Nizam Che Kamaruddin,**
Department of Occupational Safety and Health (DOSH)
- 4) FCP Material for Production and Utility Lines: Design Experience
- **Syarifah Dato' Haji Adam,**
Brunei Shell Petroleum Company Sdn Bhd

Welding Technology

- 1) Qualification test for super duplex stainless steel
- **Ir. Dr. Edwin Jong Nyon Tchan, Chairman of IMM Welding Committee & Miri Regional Chapter Committee**
- 2) The effect of DSS 2205 weld geometry by welding parameter.
- **Bernard Maxmillan Sim, Bureau Veritas Sdn Bhd**
- 3) Industrial Experiences with Welding of Al Alloy 5xxx Series
- **Ir. Desmond Chin - IMM Miri Regional Chapter Committee**
- 4) Advantages of Stainless Structural by Laser Fusion.
- **Kenny Lim, Stainless Structures Asia Pte Ltd**
- 5) The Effect of Heat Input on the Weld Metal Hardness of Pressure Vessel Plates
- **Wong Yie Chiew and Liew Siaw Yun,**
Bureau Veritas Sdn Bhd

Asset Integrity

- 1) Life Extension Technique for Asset Integrity of Welded Structure using HFMI/PIT: A Review on Researches & Applications
- **Assoc. Prof. Yupiter HP Manurung, UiTM**

Corrosion Engineering

- 1) Testing and History of Composite Repair Systems for Subsea Pipeline Repair - **Liew Shann Ching, Neptune Research**
- 2) An overview of welding consumables with high corrosion resistance in marine environment
- **Dr Manfred Rostek, FSH Welding Group**
- 3) A Catastrophic Failures and Damage Prevention
- **Mohd Firdaus B Mustafa, Universiti Teknologi Petronas**
- 4) Field Trial Qualification Test on Nano Coating for the Application on High Temperature
- **Amirah Che Zakaria, Petronas Carigali Sdn Bhd**
- 5) Schmidt Abrasive Blasting for Faster, Safer & Cheaper Offshore Surface Preparation Solutions
- **Aaron Williams, Total Schmidt Sdn Bhd**

Inspection Techniques

- 1) Detection of preferential corrosion in gas compression unit and detection of de-lamination and other defects in between Cladded Carbon Steel and Austenitic Stainless Steel welding joint applying Phased Array Ultrasonic Testing
- **Sujit Chakravarty & Yugaeshvaran, Velosi (M) Sdn Bhd**
- 2) Positive Material Identification in Oil and Gas Plant Inspection
- **Esko Kantonen, BRUKER**

Registration Fee: RM250.00/pax

Participation by registration only!

[For online registration, please visit to www.iomm.org.my](http://www.iomm.org.my)

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