

Jointly Organized by:



Supporting Media:



Event Organizer:



6TH REGIONAL MATERIALS TECHNOLOGY CONFERENCE & EXHIBITION AND GOLF GAME

Date : Friday, 22nd September 2023

Time : 7.30 am - 5.00 pm

Golf Date : Saturday, 23rd September 2023

Conference & Exhibition Venue:

Grand Ballroom, Level 1,

Eastwood Valley Golf & Country Club, Miri, Sarawak



MATERIALS TECHNOLOGIES FOR A SUSTAINABLE FUTURE

In recent years countries and enterprises have been riding on the bandwagon of global climate change agenda, i.e., the reduction of greenhouse gas emission. The solutions to this climate challenge have always been multi-faceted. Many engineering and technological advances have been deployed while others are eagerly being researched on and piloted in the fields.

Some studies also suggest that the most cost-effective means is to curb leaks from fossil fuel sites in the effort to tackle any catastrophic emission of methane that is 80 times more powerful than carbon dioxide especially from poorly maintained equipment. Manufacturing of materials, fabrication, corrosion prevention and inspection play a pivotal role in this regard.

Responding to the heat of the century, 6th RMTCE provides an interactive platform for engineers and technologist alike to share best practices and experiences in applying sound engineering solutions involving engineering design, material selection, corrosion mitigation/ control, welding technology and inspection in the effort to minimize both emission and leaks for a more sustainable future.

The one-day conference will cover the following topics

- **Materials Engineering**
- **Corrosion and Asset Integrity**
- **Inspection Techniques**



REGISTER NOW!

EXHIBITOR

PARTICIPANT

6TH REGIONAL MATERIALS TECHNOLOGY CONFERENCE & EXHIBITION ORGANIZING COMMITTEE

Co Chairman :

Ir. Dr. Assoc Prof. Edwin Jong (AMW Technology Sdn Bhd)

Ts. Dr. CEng Bernard (Bureau Veritas (M) Sdn Bhd)

Secretaries :

Ir Andrew Ling (Sarawak Shell Bhd)

Abdul Alaziz Bin Bujang (Sapura Pinewell Sdn Bhd)

Treasure :

Lee Chung Khiong (Dayang Enterprise Sdn Bhd)

Members :

Prof Beena Giridharan (Curtin University Malaysia)

Ir Dr Christine Yeo Wan Sieng (Curtin University Malaysia)

Sheron Lim (Sarawak Shell Berhad)

Giridharan Anandan (Velosi Sdn Bhd)

Phang Yeen Yeen (Bureau Veritas (M) Sdn Bhd)

Yung Chik Kiing (Bureau Veritas (M) Sdn Bhd)

Ir Desmond Chin (Ocean Line Dockyard Sdn Bhd)

Devinakumar A/L Ratanam (Topfields Borneo Sdn Bhd)

Shukri bin Johari (Petronas Carigali Sdn Bhd)

Daniel Liao (Petronas Carigali Sdn Bhd)

Roslee bin Yusof (Petronas Carigali Sdn Bhd)

Mohd Haziq bin Hj Ariffin (Malaysia LNG Sdn Bhd)

Darren Lim (Euro Potential Sdn Bhd)

Ahmad Adly bin Abdul Halim (Oceanmight Sdn Bhd)

Dominic Anak Christopher (Brooke Dockyard and Engineering

Biran Anak Atu Works Corporation)



PROGRAMME

Morning Session

- 07:30 am Registration, Light Breakfast and Tour of Exhibition
- 08:30 am Welcome Remarks by Emcee & Staff Briefing by Hotel Staff
- 08:40 am **Opening Address - Co-Chairman of Organising Committee**
by Ir Dr Assoc Prof Dr Edwin Jong (Chairman of IMM Miri Chapter/AMW Technology Sdn Bhd)
- 08:50 am **Keynote Speech - Upstream Oil & Gas Emission Reduction Challenges & Sustainable Solutions**
by Danny Murshidi (Deepwater Sabah Asset, Sabah Shell Petroleum Co Ltd)
- 09:20 am Paper 1
How the Right Thermoplastic Formulations can Enhance Durability, Reliability, and Safety of Cable Support Systems
by Albert Casas (UNEX Aparellaje Electrico S.L, Spain)
- 09:45 am Paper 2
Dynamic Magnetic Levitation Frictionless Bearings
by Azman Bin Jamaludin (Engineering Department, Petronas GTS)
- 10:10 am Token Of Appreciation to Guest of Honour and Sponsors
- 10:20 am Group Photo
- 10:30 am **Tea Break | Exhibition**
- 11:00 am Paper 3
VCI for Soil Side Bottom Corrosion Protection of Above Ground Storage Tank (AST)- Laboratory and Field Tested
by Ir.M.N Fahmi Wichi and Rohaiza Morshaid (Asset Integrity Department, Operational Excellence, Petronas Carigali Sdn Bhd)
- 11:25 am Paper 4
Digitalization of Cathodic Protection System- Remote Monitoring
by Muhammad Syafiq Bin Alwi (Ultradex Engineering Supply Sdn Bhd /Norimax Sdn Bhd)
- 11:50 am Paper 5
Unveiling the root cause : Investigating and Mitigating Pinhole Leak Failures in SS316L Piping for Enhance Reliability in Scale Inhibitor Applications)
by Esther Thong (Corrosion, Petronas Carigali Sdn Bhd Sarawak Asset-Oil)
- 12:15 pm Paper 6
Cold Galvanize Paint Protect Steel From Corrosion
by Nargis Banu Binti Kamal (ZincGrey Malaysia PLT)

Afternoon Session

- 12:40 pm **Lunch | Tour Exhibition**
- 14:00 pm Paper 7
Materials Technology Improving Thermal Performance and Mitigating Corrosion Under Insulation (CUI)
by Chiu Gha Uai (Aspen Aerogels, Inc)
- 14:25 pm Paper 8
Legislative Impact On Preservation
by Greg Owens & Warwick Richards (Barakah Reliability Sdn Bhd/Intercept Technology™, Australia)
- 14:50 pm Paper 9
CUI Detection With Real Time Radiography
by Chris Rawlinson (KAEFER Integrated Services Pty Ltd, Australia)
- 15:15 pm Paper 10
Owner-Operator Experience in Operating EFR Tank Post Incident- Finite Element Analysis Approach
by Hanafi Basri & M Nizam B Mahsan (Mechanical Static, Petronas Carigali Sdn Bhd)
- 15:40 pm **Tea Break| Tour Exhibition| Tour Exhibition**
- 16:00 pm Paper 11
Strengthening In-House Asset Integrity Findings Risk Prioritization to Enhance Maintenance Execution Strategy
by Alia Rashidah Bt Ab Rahman (Corrosion Engineering) & M Farid Afifi B M Suhaimi Asset Integrity, Petronas Carigali Sdn Bhd)
- 16:25 pm Paper 12
Challenges in Implementing Safe System of Work for Inspection, Repair, and Disposal of Structures and Pipelines
by Perry Lo (Operation Safety, Petronas)
- 16:50 pm **Closing Remarks - Co-Chairman of Organising Committee**
by Ts CEng Bernard Sim (Chairman of IMM Welding Committee /Bureau Veritas (M) Sdn Bhd)
- 17:00 pm **Visit Exhibition | Adjourn**

6TH RMTCE - REGISTRATION FORM

REGISTRATION FORM			
Delegate Name	(Prof./ Dr./ Ir./ Ts./ Mr./ Ms.)		
Institution / Company Name			
Institution / Company Address			
Tel No (Office)		Mobile No	
Email Address			

		FEES (RM) *	PLEASE (✓)
Delegates	IMM Member	RM 318.00	
	Non - IMM member	RM 371.00	

Note: * Fee included 6% SST.

EVENT SPONSOR / EXHIBITOR (Please Tick ✓)

☐ EVENT SPONSOR - RM 5,000.00* Package includes: <ul style="list-style-type: none"> • One (1) Technical Presentation Slot & One (1) Free Pass for Presenter • One (1) Table-Top Exhibition Table • Two (2) Free Passes as Conference Delegate • Two (2) Free Passes for Exhibition Promoters 	☐ TABLE - TOP EXHIBITION STAND - RM 3,000.00* A. Package includes: <ul style="list-style-type: none"> • One (1) Table-Top Exhibition Table • Two (2) Free Passes for Exhibition Promoters B. Please reserve Table No _____ For us (Refer to Exhibition Layout Plan for Table - Top Exhibition stand number)
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Notes:

a) *Event Sponsor and Table - Top Exhibition Stand are subject to 6% SST.

b) Additional pass for exhibition promoter will be charged at RM 318.00 nett (IMM Member) and RM 371.00 nett (Non IMM Member).

c) Exhibition stand does not come with a wall. Exhibitors are advised to bring in their own promotional materials.

PAYMENT must be made by Electronic Transfer, Telegraphic Transfer, Cheque or Bank Draft to

Account Name : *Materials Technology Education Sdn Bhd*
 Account No : *5621 0669 2397*
 Bank Name : *Maybank Berhad*
 Bank Branch: *Shah Alam Branch*
 Country: *Malaysia*

*Note :

- 1) Payment must be made at least two weeks before the conference
- 2) Onsite payment is not acceptable
- 3) Proof of payment to be sent via email to zaimah@mte.com.my

For any enquiries, please contact :

Ms Elyna

03 5524 3704 or 013 995 1431

email : elyna@mte.com.my

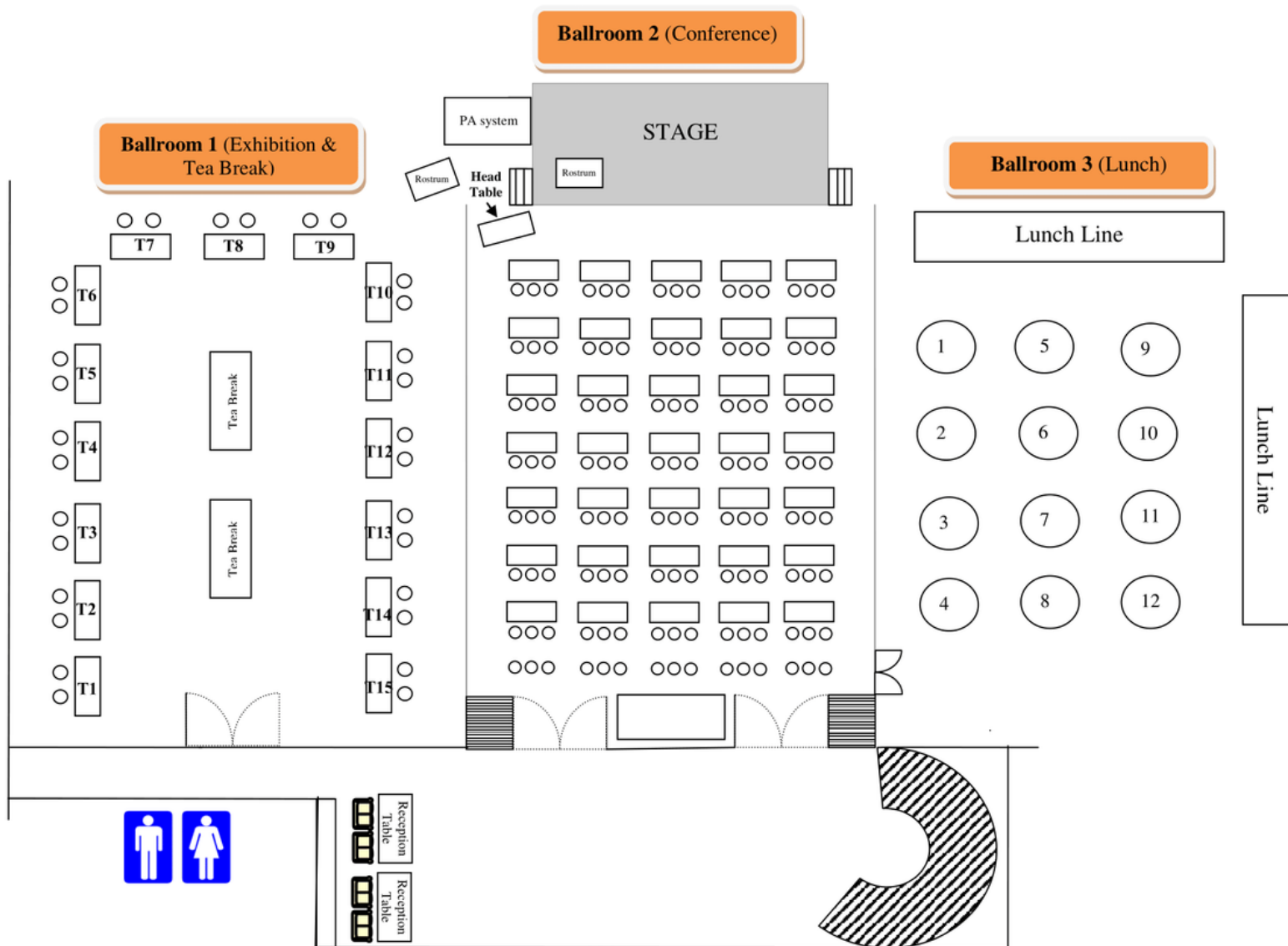
or info@mte.com.my

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 Tel : + 603 5524 3704

Website : www.mte.com.my



EXHIBITION LAYOUT PLAN



Jointly Organized by:



Miri Regional Chapter &
Welding Committee

Event Organizer:



**Register
Now**



6TH RMTCE

GOLF GAME

Date: Saturday, 23rd September 2023

Venue: Eastwood Valley Golf & Country Club, Miri, Sarawak

- Individual Player : RM530.00 nett
- Group Player (4 players/group) :
RM1,908.00 nett



6:15am : Registration & Breakfast

7:00am : Tee-off

12:30pm : Lunch & Prize Giving Ceremony



03-5524 3704



info@mte.com.my



Miri Regional Chapter &
Welding Committee



6th RMTCE Golf Game - Registration Form

In conjunction with the 6th Regional Materials Technology Conference & Exhibition 2023, the IMM Miri Regional Chapter and Welding Committee are pleased to organize the 6th RMTCE Golf Game on 23rd September 2023 as a get-together amongst IMM golfing fraternity to foster closer professional relationships and networking. We seek sponsorships from companies or individuals to participate in this friendly networking event.

Date: Saturday, 23rd September 2023

Venue: Eastwood Valley Golf & Country Club, Miri, Sarawak

Registration Time: 6:15 a.m. (Breakfast will be provided)

Tee-Off Time: 7:00 a.m.

Lunch and Prize Giving Ceremony: 12:30 p.m.

We confirm our participation for Individual Player - RM530.00nett / Group Player - RM1,908.00nett for the 6th RMTCE Golf Game 2023. The names and contact/email of the players are as follows:-

No	Name of Player (s) & Contact	Handicap
1	Player Name : Mobile No: Email Address:	
2	Player Name : Mobile No: Email Address:	
3	Player Name: Mobile No: Email Address:	
4	Player Name : Mobile No: Email Address:	

We enclose our payment slip for the payment payable to the follows:

Bank Account Name : Materials Technology Education Sdn Bhd

Bank Name : Maybank Bhd Bank Account no: 5621 0669 239

Organisation Name	
Contact Person	
Office No / Mobile No	
Email Address	



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