

MALAYSIA BRANCH QUARTERLY NEWSLETTER

July 2016
Malaysia Branch

Institution of
**MECHANICAL
ENGINEERS**

Dear Fellow Members,

This is the second newsletter for 2016/2017 session. We have already passed more than half of Year 2016. We wish all of our fellow members well and stay healthy.

Our Muslim members have just celebrated Aidilfitri Festive Season. We wish all of our Muslim members Selamat Hari Raya.

IMEchE South East Asia Regional (SEAR) Election results have been announced. The branch will work closely with SEAR Chair to further promote IMechE in Malaysia.

We are looking forward to seeing you soon in our upcoming events.

Ir. C.C. Chow

Reports & News

1.0 Site Visit to The Malikai Tension Leg Platform (TLP)

IMEchE member, Miss Patricia Ong, who is an engineer in **Sabah Shell Petroleum Company (SSPC)** spearheaded an event organized by her company on 29th April, to share the development of the Malikai project. The event took place in **Malaysia Marine And Heavy Engineering Holdings Berhad (MMHE)**. 4 representatives from IMechE Malaysia Branch were invited to join the event, together with 19 representatives from 5 other professional institutions in Malaysia. Those represented IMechE Malaysia Branch were:

- Ir. Mathew Thomas (Immediate Past Chairman)
- Dr. Lau Ee Von (Hon. Secretary)
- Ir. Chow Chee Choy (Main Committee Member)
- Mr. Pankaj Punj (Young Member Section Committee Member)



Group photo before boarding the Malikai TLP

Malikai is a deepwater oil discovery located about 100km offshore Sabah, Malaysia at a water depth of 500m. It is developed as a floating Dry Tree Unit (DTU)

utilising a TLP. Being a fully manned platform, Malikai comes complete with living quarters (LQ) and control room to deliver nameplate production capacities of 60,000 barrels/day of Liquid and 50 million scf/day of Gas.

The event began with a safety induction for all visitors followed by a welcome speech by Mr. Momas Modon, Malikai's Project Manager.

The group was then introduced to the Malikai TLP via various technical presentations covering TLP-specific topics such as the Single Combo Top Tension Risers (SCTTR), the Marine Instrumentation/Advisory Systems (MIS/MAS) and the Tendon Tension Monitoring System (TTMS). Video presentations on the Superlift and Loadout operations of Malikai was aired before the group broke out to several interest sessions to explore the Malikai Operator Training Simulator (OTS), material selection of tendons and high-density polyethylene (HDPE) lining used to line some of the pump caissons on the TLP.



IMEchE group onboard the Malikai TLP for a site visit

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Further on, the visitors then continued with a site visit to the Malikai TLP itself. In groups of 4-5 pax, each Professional Institution were accompanied with a Malikai engineer and was brought around the TLP to look at among others, the various equipment packages onboard, explore offshore living conditions in the Living Quarters, briefed on offshore power generation and emergency evacuation methods.

Wrapping up the event was networking among members of the various Institutions.

2.0 International Strategy Board (ISB) Volunteer Service Award

Our Immediate Past Chairman, Ir. Mathew Thomas was announced as the winner of the International Strategy Board (ISB) Volunteer Service Award, for his work over the last 14 years supporting members of all grades within Malaysia. Congratulations to Ir. Mathew.



Ir. Mathew receives ISB Volunteer Service Award from ISB Chair, Dr. Alan Lau in London

3.0 South East Asia Regional Election - Announcement

The elections for the positions of Chair and Young Member Representative for the Institution's South East Asia Region (SEAR) have now been completed. Our Immediate Past Chairman, Ir. Mathew Thomas has been elected unopposed to the position of SEAR Chair, and our fellow member, Dr. M E Raghunandan has been elected to the position of SEAR Young Member Representative. Congratulations to Ir. Mathew and Dr. Raghunandan.



Left: SEAR Chair – Ir. Mathew
Right: SEAR Young Member Representative- Dr. Raghunandan

Past Events

1.0 Technical Talks

Three Technical Talks were jointly organized with The Institution of Engineers Malaysia (IEM) and Engineers Australia Malaysia Chapter (EAMC) as below:

- **"Genting Highlands Bus Crash at KM3.6 Genting Highlands-Kuala Lumpur Roads on 21 August, 2013"** held in Wisma IEM, presented by Speaker: Dato' Ir. Foong Choy Chye on 21st April 2016.

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- **"Housing Development (Control & Licensing) Act 1966 & Regulations, & PAM Form of Contract 2006 – Roles of Contractor Administrator – Part 1"** on 14th June 2016, delivered by Ar. Jonathan Lai.
- **"Housing Development (Control & Licensing) Act 1966 & Regulations, & PAM Form of Contract 2006 – Roles of Contractor Administrator - Part 2"** on 29th June 2016, presented by Ar. Johnathan Lai.

2.0 Networkings

A networking session was held in Royal Lake Club on 21st May 2016 (Saturday). This was the first networking session organized during the weekend, and it managed to attract attendance of many of our members.

Another networking session in Symphony Suites, Ipoh was held on 16th July 2016.



Networking in Royal Lake Club, Kuala Lumpur

3.0 Student Chapter Launch in Universiti Teknologi Malaysia (UTM)

On 12th April 2016, the Student Chapter of UTM was officially launched. It was held in the Faculty of Mechanical Engineering and attended by about 70

participants including students and staff. This is an initiative of the faculty to put UTM in a global arena in line with its aspiration. Among those present were IMechE Malaysia Branch Immediate Past Chairman, Ir. Mathew Thomas, the Dean of Faculty of Mechanical Engineering of UTM, Professor Dr. Noordin Mohd. Yusof, the Academic Liaison Office of UTM, Dr. Zaini Ahmad.

The Student Chapter Launch Certificate was presented by Ir. Mathew to Prof. Dr. Noordin as a symbol of the official launching of the student chapter. Two IMechE pull-up banners were also presented to Dr. Zaini and Mr. Muhammad Shahmy, the Protem Chairman of the UTM Student Chapter, respectively.



Ir. Mathew Thomas presents official launch certificate to Prof. Dr. Noordin

4.0 Membership Drive

Ir. Mathew Thomas attended a membership drive in **Murphy Oil Kuala Lumpur** to promote IMechE memberships on 15th June 2016. This event was attended by 21 staffs from Murphy Oil.

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Coming Events

1.0 Two-Day Course on "Technical Writing for Engineers and Technical Personnels"

Date: 4th – 5th October 2016
Venue: Wisma IEM
Speaker: Ir. Danaraj Chandrasegaran

2.0 Technical Talk on "Forensic Engineering: An Overview"

Date: November 2016
Venue: Wisma IEM
Speaker: Ir. Dr. Ezzarhan bin Abdullah

3.0 Networkings

A series of networking sessions will be held in Klang Valley and Ipoh. Please look out for notices. We look forward to meeting up with you.

4.0 ENGNOW 2016

Date: September / October 2016
Venue (Proposed): Heriott-Watt University Malaysia
Two competitions will be held:

- Speak Out for Engineering (SoFE)
- Design Competition

5.0 Supported Workshop – MyTRIZ Level 1 Practitioner Workshop

Date: 16th – 17th August 2016
Venue: MSC Malaysia
Knowledge Workers Development Centre
Facilitator: MyTRIZ-MATRIZ Certified Facilitator

6.0 Supported Conference - ISGST 2017

IMechE Malaysia Branch will be supporting the **International Symposium Green and Sustainable Technology (ISGST 2017)** to be held in UTAR, Kampar on 10-13th January 2017. Registration fees for members will be at RM800. Please state your membership number when registering. Further information and updates are available in the website: <http://www.utar.edu.my/conference>.

Contact Us

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