

MALAYSIA BRANCH QUARTERLY NEWSLETTER

April 2019
Malaysia Branch

Institution of
**MECHANICAL
ENGINEERS**

Dear Fellow Members,

Our Young Member Section has held its Annual General Meeting (AGM) on 7th March 2019, where new Committee Members were elected.

The IMechE Malaysia Branch has also conducted the 19th AGM on 18th March 2019. Congratulations to the newly elected Committee Members.

We are looking forward to seeing you in the coming activities and events.

Ir. C.C. Chow

Branch Committee Members 2019/2020

Chairman:

Ir. Eddie Lim Hok Lian

Honorary Secretary:

Dr. Lau Ee Von

Honorary Treasurer:

Ir. Gerald Victor

Immediate Past Chairman:

Prof. Ir. Dr. Vinesh Thiruchelvam

Committee Members:

Ir. Chow Chee Choy

Mr. Chua Yaw Long

Ir. Mohd Farid Aladdin

Prof. Ir. Dr. Ong Kok Seng

Mr. Tay Tee Tiong

Honorary Internal Auditors:

Dr Abdulkareem Mahdi Al-Obaidi

Ir. Low Han Yang

Malaysia Branch Chairman's Message



It's a great honour to be elected as the Chairman. Thanks to all our members for the support rendered.

I would like to express my appreciation to the Committee Members of 2018/2019, including the Honorary Internal Auditors, YMS and Student Chapters for their volunteerism and contributions in the past year.

We hope to increase the level of engagement with you via series of activities. We hope to meet you in our events and see your active attendance. I look forward to serving the members in Malaysia well, together with the newly elected Committee.

Ir. Eddie Lim Hok Lian

Young Member Section Committee Members 2019/2020

Chairman:

Mr. Ng Kun Yong

Honorary Secretary:

Mr. Joel Bharath

Honorary Treasurer:

Mr. Achugovind Kumar

Committee Members:

Mr. Teow Hsien Loong

Ir. Pragash Krishnasamy

Dr. Houman Yarmand

News

INTERNATIONAL SPEAK OUT FOR ENGINEERING COMPETITION (SOFe)

The International SOFe was held in India on 4th April 2019. **Mr. Bhoshaga Mitrran S/O Ravi Chandran** from The IMechE Universiti Tenaga Nasional (UNITEN) Student Chapter represented Malaysia in the competition. He successfully won the second prize.

Congratulations to Mr. Bhoshaga Mitrran!

The IMechE UNITEN Student Chapter has done very well in the past SOFe competitions, thanks to the leadership of the Academic Liaison Officer, **Mr. Chua Yaw Long**. Since 2016 till to-date, the Student Chapter has emerged as:

- The International SOFe Runner-up (once)

MALAYSIA BRANCH QUARTERLY NEWSLETTER

April 2019
Malaysia Branch

Institution of
**MECHANICAL
ENGINEERS**

- South East Asia Regional (SEAR) SOfE Champion (twice)
- National SOfE Champion (once)
- National SOfE Runner-up (twice)



Mr. Bhoshaga Mitrran departs for International SOfE.



Dr. M.E. Raghunandan (left) and Prof. Vinesh (right) with Mr. Bhoshaga Mitrran in the International SOfE.

Past Events

1.0 Annual General Meeting

The 19th Annual General Meeting (AGM) was successfully held on 18th March 2019 at the Royal Lake Club, Kuala Lumpur. Thanks to those members who attended.

The Chairman of 2018/2019 Session, Prof. Ir. Dr. Vinesh Thiruchelvam chaired the AGM. The Chairman's report was presented to the members.

Prof. Vinesh thanked the 2018/2019 Session Committee Members, the Honorary Internal Auditors, YMS and Student Chapters for their effort and contributions throughout the session.

MALAYSIA BRANCH QUARTERLY NEWSLETTER

April 2019
Malaysia Branch

Institution of
**MECHANICAL
ENGINEERS**

The Hon. Treasurer's report was also presented by Ir. Gerald Victor, and approved before the election of office bearers and Hon. Auditors.



Prof. Vinesh (left), Dr. Lau (middle) and Ir. Gerald present in the AGM

2.0 Networking

A networking session was held at the Royal Lake Club, Kuala Lumpur on 25th January 2019.

We look forward to seeing you in our next networking sessions.

3.0 Technical Talks

Held in Wisma IEM, three Technical Talks were jointly organized with The Institution of Engineers Malaysia (IEM) and Engineers Australia Malaysia Chapter (EAMC) as below:

- **"Fluid Dynamics in The Bio-Medical Engineering Application"** on 27th February 2019. The speaker was **Assoc. Prof. Ir. Dr. Haji Kamarul Arifin Bin Ahmad**.

- **"ISO2685 Propane-Air Aeronautical Fire Certification Burner"** presented by **Assoc. Prof. Ir. Dr. Abd. Rahim Abu Talib** on 2nd March 2019.
- **"Complex Problems, Simple Solutions – A Sharing Based on TRIZ (Theory of Inventive Problem Solving) And Success Examples of Local Companies"** presented by **Mr. Tan Eng Hoo** on 20th March 2019.

4.0 Supported Workshop – MyTRIZ Level 1 Practitioner Workshop

Malaysia TRIZ Innovation Association (MyTRIZ) conducted the workshop on 4th and 5th April 2019 in Axcel Campus, Puchong. The facilitator was the MyTRIZ-MATRIZ Certified Facilitator

5.0 Technical Forum on "Artificial Intelligence"

A technical forum on "Artificial Intelligence" (AI) was organized by Tunku Abdul Rahman University College (TAR UC), Setapak, Kuala Lumpur on 16th March 2019. The IMechE Malaysia Branch was one of the co-organizers of the forum.

The theme of the forum was **"The AI Paradigm Shift: Destructive or Constructive?"**. 156 participants attended the forum, included students, academicians, IMechE members and members of other learned societies.

The talk started with a brief introduction of the four speakers. The speakers were **Ir. Dr. Karl Ng** from Malaysia Digital Economy Corporation, **Mr. Juarez Salih Lowe** from VROC Artificial Intelligence, **Assoc. Prof. Dr. Chan Chee Seng** from University of Malaya and **Asst. Prof. Pang Jia Yew** representing The Institution of Engineering and Technology (IET) Malaysia Network.

MALAYSIA BRANCH QUARTERLY NEWSLETTER

April 2019
Malaysia Branch

Institution of
**MECHANICAL
ENGINEERS**

Ir. Dr. Karl Ng delivered an interesting talk titled **"Is Malaysia Ready for AI?"**. He peppered the talk with the interesting video on Sophia, the AI Robot, keeping most of the audiences awestruck. Mr. Juarez delivered a talk titled **"How to Prepare for AI?"**. He kept the audience captivated by sharing his personal experiences in managing several AI related projects. The third speaker, Assoc. Prof. Dr. Chan's talk titled **"Why Should I Trust you AI?"** was equally interesting. He also shared his recent research work with the audiences. Asst. Prof. Pang delivered a talk titled **"The Future of Energy Management: Integrated and AI-enabled"**. There were quite a number of industry practitioners who wished to know more about energy management from Asst. Prof. Pang.

Last but not least, a panel session consisting the speakers and moderated by Assoc. Prof. Dr. Lai Weng Kin from Faculty of Engineering and Technology, TAR UC was convened. The discussion was lively with the members of the floor took turns posing thought provoking questions to the panelists. Despite some contrary views, the panel deliberated and assured the audiences present that AI will be a good force to humanities.



The Organizing Chairman, Mr. Tay presents certificate of appreciation to Ir. Gerald of IMechE Malaysia Branch



Dr. Karl Ng delivers his presentation

MALAYSIA BRANCH QUARTERLY NEWSLETTER

April 2019
Malaysia Branch

Institution of
**MECHANICAL
ENGINEERS**



Mr. Juarez Salih Lowe presents his talk



Asst. Prof. Pang during his talk

(Note: Thanks to Mr. Tay Tee Tiong for contributing this write-up and photos.)



Talk being presented by Assoc. Prof. Dr. Chan

Coming Events

1.0 Sponsored Conference – 3rd International Symposium on Green and Sustainable Technology (ISGST) 2019

Date: 23rd – 25th April 2019

Venue: Universiti Tunku Abdul Rahman (UTAR)
Kampar

IMechE members are entitled for discounted rate.
Further information and updates are available in the website: <http://www.utar.edu.my/conference>.

MALAYSIA BRANCH QUARTERLY NEWSLETTER

April 2019
Malaysia Branch

Institution of
**MECHANICAL
ENGINEERS**

2.0 Supported Symposium – Asia Turbomachinery & Pump Industry Summit

Date: 10th and 11th July 2019
Venue: Kuala Lumpur Convention Centre
Malaysia

It is free of charge to attend, upon presentation of a business card.

Further information and updates are available in the website: <https://turbolab.tamu.edu/industrysummit/>

3.0 Talks jointly organized with The Institution of Engineers Malaysia (IEM):

(a) Talk on "Strategic Management of The Organization"

Date & time: 9th April 2019 (5:30pm - 7:30pm)
Venue: Wisma IEM, Petaling Jaya
Speaker: Ir. Dr. Ling Chen Hoe

(b) Talk On "Optical Sensing In Power Transformer Monitoring"

Date & time: 11th April 2019 (5:30pm - 7:30pm)
Venue: Wisma IEM, Petaling Jaya
Speaker: Dr. Ker Pin Jern

(c) Talk on "Hacking Technology Using TRIZ Innovation"

Date & time: 12th April 2019 (2:00pm – 4:00pm)
Venue: Asia Pacific University
of Technology & Innovation (APU),
Bukit Jalil
Speaker: Dr. Zulhasni Abdul Rahim

(d) Talk on "Analysis on Accidents Occurance in Railway Construction"

Date & time: 23rd April 2019 (5:30pm - 7:30pm)
Venue: Wisma IEM, Petaling Jaya
Speaker: Dr. Hang Tuah Baharudin

(e) Talk on "Engineers Role towards Green Technology and Carbon Foot Print"

Date & time: 29th April 2019 (2:30pm - 4:30pm)
Venue: Universiti Pertahanan Nasional
Malaysia (UPNM), Kuala Lumpur
Speaker: Mr Ismail Abdullah

(f) Talk on "Culture And Its Implications In Business Today"

Date & time: 30th April 2019 (5:30pm - 7:30pm)
Venue: Wisma IEM, Petaling Jaya
Speaker: Ir. Dr. Ling Chen Hoe

Contact Us

Dr. Lau Ee Von (Hon. Secretary)

(T): +6012-3566339
(E): MalaysiaSec@imechenetwork.org

Ir. C.C. Chow

(T): +6012-6022310
(E): chow@equip-inc.com