

MALAYSIA BRANCH QUARTERLY NEWSLETTER

October 2018
Malaysia Branch

Institution of
**MECHANICAL
ENGINEERS**

Dear Fellow Members,

This is the third newsletter for 2018/2019 session.

Mr. Chen Khin Fai has resigned from IMechE Malaysia Branch Committee Member, as he took up an overseas position. We wish him all the best in his new endeavours. Thanks for his contributions and services to IMechE Malaysia.

Subsequently, Mr. Tay Tee Tiong from Tunku Abdul Rahman University College has been co-opted as our new Committee Member. Thanks to Mr. Tay for willing to serve IMechE Malaysia.

Our next networking session will be our annual dinner in December. We are looking forward to seeing you.

Ir. C.C. Chow

Past Events

1.0 Youth Seminar: Get To Know The Applications of 3D Printing in Malaysia

Held in University of Malaya, the seminar was jointly organized by the Young Members Section (YMS) of IMechE Malaysia and University of Malaya IMechE Student Chapter on 22nd September 2018. The objective of the youth seminar was to create awareness about the up and coming additive manufacturing (3D Printing) technology in the Malaysian landscape. The invited speakers from different backgrounds of the additive manufacturing field in Malaysia were able to discuss a wide array of additive manufacturing applications ranging from medical prosthesis for humans and animals to aircraft industries and other businesses. This inaugural youth seminar aimed to benefit Student Affiliate members to gain more insights about the market opportunities available in Malaysia. Being first of its kind since the inception of the YMS of IMechE Malaysia, the seminar received overwhelming response with over 60 attendees from not only University Malaya but also from other universities in Malaysia, namely UNITEN, INTI International University, UCSI University, SEGI University and KDU University College.

The seminar kicked-off with an opening speech by Mr. Achugovind Kumar, YMS Chairman of IMechE Malaysia. He explained how he conceived the idea to organize this youth seminar and utilized the IMechE's network of engineers to identify and invite the esteemed speakers.

The first speaker was Mr. Darween Reza bin Sabri, Chief Executive Officer of MyCRO Sdn. Bhd. He is also an alumnus of University of Malaya. In his presentation, he explained about the 3D Printing

technology and the workshops organized by him to promote 3D Printing.

The second speaker was Mr. Paul Siew, Founding Member of 3DxL. He explained about the various materials used for 3D Printing and the real life application examples of his products, which includes a 3D printed replica of classic car part which was difficult to be sourced by his customer. He also impressed the audience with the 3D Printers he brought to the seminar which was printing figurines throughout the whole seminar. It was good attraction for the audience during the break time.



Mr. Paul Siew speaks to the audience

Miss Woo San San, the Managing Director of Materialise Malaysia was the third speaker. She presented Materialise's role in pioneering the 3D Printing technology and their involvement in various businesses, e.g. vision-centric spectacle frames, prosthesis and footwear insoles. Internship and C++ bootcamp was offered to students who were interested.

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Miss Woo is making her presentation

The final speaker for the seminar was Dr. Praveena Nair, a Lecturer and Researcher in Biomimicry and 3D Printing. She is also an alumnus of University of Malaya. She explained how 3D Printing could be utilized for animal prosthesis, and her intentions to carry out a research project on the topic.



Dr. Praveena Nair delivers her presentation

IMechE Malaysia would like to congratulate the YMS Committee Members and University of Malaya IMechE Student Chapter for successfully organizing the event, and thank for their effort.



Products showcase during the seminar



Group photo after the seminar

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2.0 Networking

A networking session was held in Royal Lake Club, Kuala Lumpur on 28th August 2018. More than 20 members attended. It provided an opportunity to the members to interactive among each other. It also enabled IMechE Malaysia to seek members' feedback or comments. We look forward to seeing you in our next networking sessions.



Immediate Past Chairman, Prof. Ong speaks to fellow members during the networking session

3.0 Supported Forum / Workshop

IMechE Malaysia has supported below forum / workshop in the past months:

- a) **Railway Technology Forum, "Talent Development for Railway Industry"** was held on 7th August 2018 by the Faculty of Engineering and Technology of Tunku Abdul Rahman University College (TAR UC), Setapak, Kuala Lumpur, where entrance was free of charge for IMechE members.

- b) **MyTRIZ Level 1 Practitioner Workshop** was held on the 29th and 30th August 2018, at the Axcel Campus, Puchong, Selangor. IMechE members enjoyed special discounted rate for the workshop.

4.0 The Institution of Engineering and Technology (IET) Malaysia Network Prestige Lecture & Award Dinner

IMechE Malaysia Chairman, Prof. Ir. Dr Vinesh Thiruchelva has been invited for the IET Malaysia Network dinner on 22nd September 2018 in Sheraton Imperial Hotel Kuala Lumpur. Special thanks to the IET Malaysia Network for the invitation!



Malaysian Deputy Minister of Energy, Science, Technology, Environment and Climate Change, YB Isnaraissah Munirah Majilis (sixth from left), IET Malaysia Network Chairman, Mr. Chris Chew (sixth from right) and Prof. Vinesh (front right) in the IET Malaysia Dinner 2018

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Coming Events

1.0 South East Asia Regional Speak Out for Engineering (SEAR SOFE) Competition

Date: 13th October 2018
Venue: Universiti Tenaga Nasional (UNITEN)
Do come and support!

2.0 Supported Workshop – “Building Nation Towards Clean Energy: Guidelines & Promotion of Solar PV Technologies”

Date: 25th October 2018
Venue: Monash University Malaysia
IMechE members are entitled for discounted rate at RM150.

3.0 Technical Talk on “Engineer as Manager”

Date: 31st October 2018
Venue: Wisma IEM
Speaker: Ir. Dr. Ling Chen Hoe

4.0 Technical Talk on “Industry 4”

Date: 13th November 2018
Venue: Universiti Tenaga Nasional (UNITEN)
Speaker: Prof. Ir. Dr Vinesh Thiruchelva

5.0 Annual Dinner

Date: 14th December 2018
Venue: Bunga Raya Restaurant, Royal Lake Club, Kuala Lumpur
Contact: Dr. Lau Ee Von
(MalaysiaSec@imechenearyou.org)

6.0 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>.

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