MALAYSIA BRANCH QUARTERLY NEWSLETTER

May 2022
Malaysia Branch

Institution of MECHANICAL ENGINEERS

Dear Fellow Members,

This is the first issue of the IMechE Malaysia Branch Newsletter for 2022/2023 session.

Despite the COVID-19 challenges, we managed to overcome the movement control orders by tapping into the flexibilities of virtual meetings and events.

We were delighted to have your active participations in our virtual AGM in March 2022.

Ir. Dr. Chow Ming Fai

Branch Committee Members 2022/2023

Chairman:
Ir. Dr. Aidil Chee Tahir
Honorary Secretary:
Ir. Dr. Lau Ee Von
Honorary Treasurer:
Ir. Ts. Gerald Victor
Immediate Past Chairman:
Ir. Ts. Chow Chee Choy
Committee Members:
Ir. Eddie Lim Hok Lian
Prof. Ir. Dr. Ong Kok Seng
Ir. Dr. Balamurugan A. Gurunathan
Assoc. Prof. Ir. Ts. Dr. Chow Ming Fai
Ir. Norman Hua
Ir. Low Han Yang
Honorary Internal Auditors:
Mr. Barry Gardner
Dr. Lew Tze Ling

Young Member Section Committee Members 2022/2023

Chairman:
Ms. Choong Pooi Ying
Honorary Secretary:
Ms. Seow Khei Yinn
Honorary Treasurer:
Mr. Teow Hsien Loong
Committee Members:
Ir. Ts. Pragash Krishnasamy
Ir. Dr. Chong Kok Hing
Ts. Dr. Wong Keng Yinn

Message from 2022/2023 New Chairman:

I am most honoured and humbled to be elected as Chairman of the Institution of Mechanical Engineers (IMechE) Malaysia Branch for the session 2022/2023.

First, allow me to congratulate the incoming Committee Members as well as the Honorary Internal Auditors on their newly elected positions. Next, I would like to take the opportunity to express my heartfelt appreciation to the Committee Members of 2021/2022, including the previous Honorary Internal Auditors, YMS and Student Chapters for their support and contributions under the leadership of the Immediate Past Chairman, Ir. Chow Chee Choy.

IMechE Malaysia is extremely fortunate to have members who are passionate and committed to the Society and its objectives. With your blessing and support, we hope to enhance the technical and professional development of our members, foster closer networking relationships and ultimately, bringing the Society to greater heights.

Hence, we look forward to seeing you at our upcoming activities and events.

Ir. Dr. Aidil Chee Tahir

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News

1.0 2021/2022 Best Young Member, ALO & SC

Young Member Award:
Ir. Dr. Hoo Choon Lih from Heriot-Watt University Malaysia.

Best Academic Liaison Officer Award:
Associate. Professor Ts. Dr. Meenaloshini Satgunam from Universiti Tenaga Nasional.
Associate. Professor. Ts. Dr.-Ing. Shahrul Azam Abdullah from Universiti Teknologi Mara.

Best Student Chapter Award:
Universiti Malaya (UM)

Congratulations to the winners for your tireless and outstanding contributions.

2.0 IMechE Malaysia Mini Research Grant

In support for the academic members in Malaysia Branch, IMechE Malaysia Branch launched the Mini Research Grant. Members are invited to apply for the Mini Research Grant that offers grant up to RM5000 to support the research the members are working on.

The winner is:
Ts. Dr. Wong Keng Yinn from Universiti Teknologi Malaysia (UTM)
Project title: "Airborne Particle Dispersion and Characteristics Study and Impact on Indoor Environment for Ensuring Well-Bring of Communities".

Congratulations to the winner and thank you to all the judges.

Upcoming Events:

1.0 Webinar "Global Engineering Education: Current Status, Challenges and Future Directions"

Date: 19th May 2022 (Thursday)
Time: 5.00pm to 6.00pm
Speaker: Prof. Ir. Dr. Faris Tarlochan
Registration: (Free of Charge)
https://docs.google.com/forms/d/e/1FAIpQLSeTdIRMcuRIjuSfA4VGiSmZNvQB4-4eAjPxSDdQG6oanb-AKg/viewform
Venue: Online Platform (MS Teams)
BEM Approved CPD / PDP hours: 1 hour

Synopsis: Today's world is becoming fast paced so much so that the engineering and social systems are becoming increasingly integrated in a complex manner. Besides this, with rising adverse events, "traditional engineering" programs are being challenged. There is a need for these engineering programs to adapt to current and future needs. Based on published work in the literature, this seminar will discuss the following key aspects of engineering education: 1) the world's leading engineering programs; 2) case studies of 'emerging leaders' in engineering education and 3) challenges and future

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directions pertaining to engineering education. As part of the future direction, the seminar will also touch on integrated engineering programs. Key questions such as how this change of integrated curriculum will look like in the context of 'traditional' engineering programs and how this can be implemented in an established university curriculum will be discussed and presented.

2.0 Conference "Asia Turbomachinery & Pump Symposium (ATPS) 2022"

Date: 23th May – 26th May 2022
Venue: KL Convention Center
Information:https://nearyou.imeche.org/near-you/south-east-asia/malaysia/event-detail?id=19182

Past Events

1.0 2022/2023 Annual General Meeting

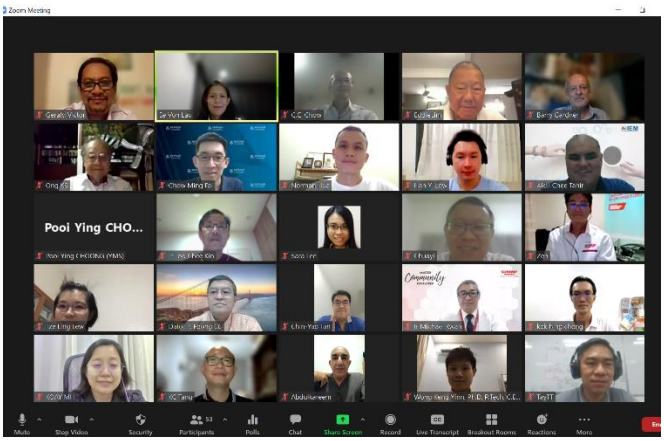
IMechE Malaysia Branch held its 22nd Annual General Meeting (AGM) on 28 March 2022 at 6.00 pm local time. For second time, the AGM was conducted virtually via Zoom online platform, due to the ongoing Covid-19 pandemic in Malaysia.

The Branch Chairman of session 2021 / 2022, Ir. Chow opened the meeting, welcoming the members and the IMechE South East Asia Business Development Manager, Mr. Zen Teng. He expressed his appreciation to the branch main committee members, the branch Young Members Section (YMS) committee members and the internal auditors for their hard works and contribution throughout the past one year. The 2021 / 2022 Chairman also thanked the members for their supports rendered to the branch.

It was reported that the Malaysia Branch has actively organized close to 40 webinars during the 2021 / 2022 session. Wide spectrum of speakers from academia and industries were invited to share their knowledge and experiences. The talks did not only greatly benefit the local members, but also the other South East Asia branches including Singapore, Brunei, Indonesia, Vietnam and Philippines, as invitations were extended to these branches.

Through the co-operation and coordination between the branch committee members and Zen, many membership drives were also conducted throughout the past year. Despite the downside in which Malaysians generally suffered income reduction for the past 2-year pandemic, the branch still managed to gain increase in membership. The total paying members as at the end of 2021 was about 6% higher that the reported number at the end of 2020.

The elected Chairman of session 2022 / 2023, Ir. Dr. Aidil thanked the members for the support given to him and the incoming committee members. He wishes to enhance the technical and professional development of the branch members, foster closer networking relationships and bring the branch to greater heights.



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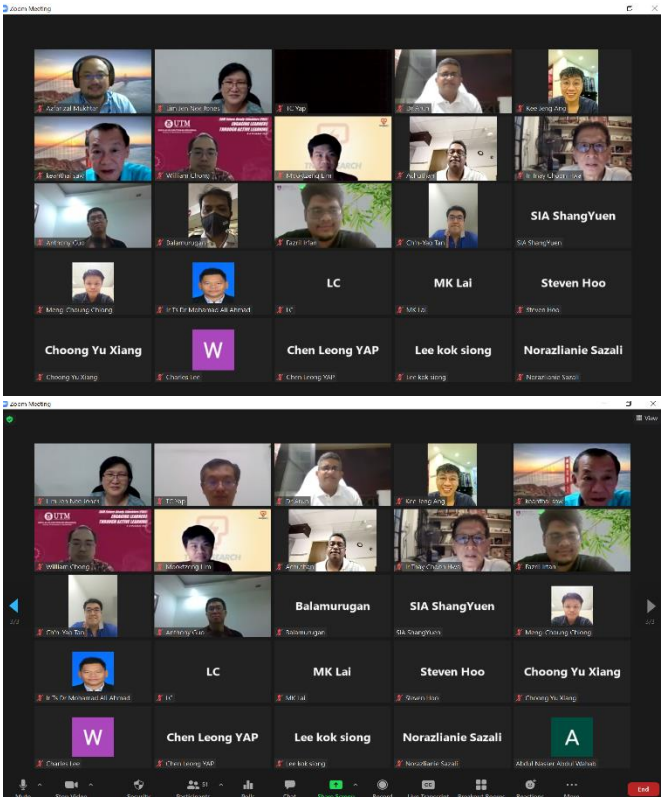
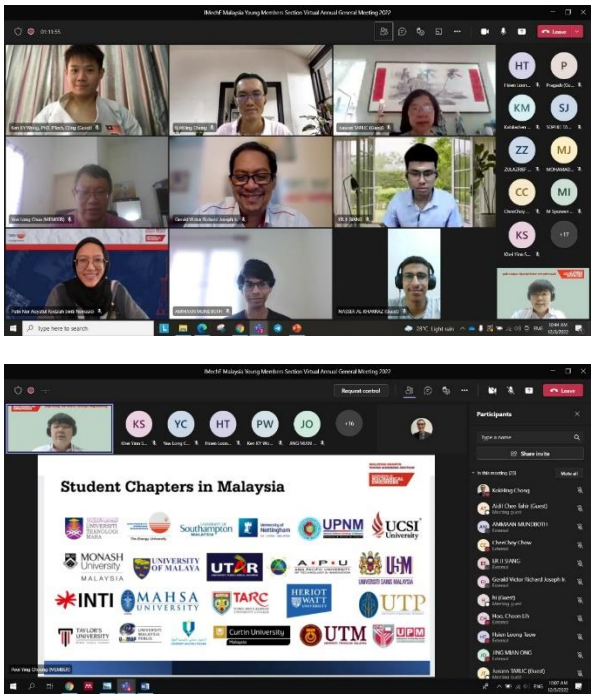


2022/2023 IMechE Malaysia Annual General Meeting Opening

2.0 YMS 2021/2022 Annual General Meeting

IMechE Malaysia Branch YMS had also conducted its second virtual AGM on 12th of Mar 2022 and have elected the new office bearer.



2022/2023 YMS Annual General Meeting Participants

3.0 Talk on Mental Fitness

Date: 22nd January 2022
Time: 10am – 12pm
Speaker: Justin Yap

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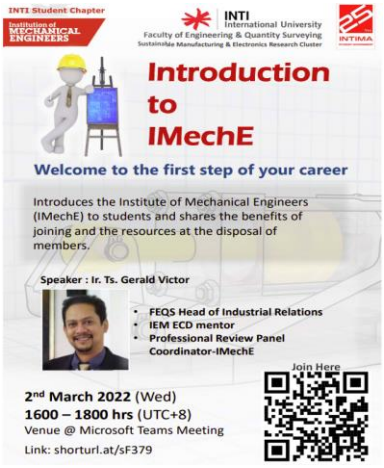
4.0 Smart Power Generation
Date: 19th February 2022
Time: 10am – 11.30am
Speaker: Dr Firas Basim Ismail Alnaimi

5.0 Careers in Welding
Date: 26th February 2022
Time: 9.00 – 11.00 am
Speaker: Ir. Ts. Pragash Krishnasamy

6.0 Introduction to IMechE
Date: 2nd March 2022
Time: 4.00pm -6.00pm
Speaker: Ir. Ts. Gerald Victor



7.0 Developing Engineer Programme
Date: 18th March 2022
Time: 11.00am -12.00pm
Speaker: Zen

8.0 Becoming an IMechE Profession Review Interviewer
Date: 18th March 2022
Time: 17.00 – 18.00pm
Speaker: Zen

9.0 Becoming an IMechE Fellow
Date: 25th March 2022
Time: 9.45am - 11.30am
Speaker: Zen

10.0 IMechE Malaysia Railway Seminar
Date: 29th March 2022
Time: 2.45pm - 6.00pm
Speaker: Barry Gardner, Chandan Kumar, Dave Horton, Gary Moore, Ts. Jack Tan Ka Hoe, Noel Devan

11.0 Climate Change Fuelling Growth of Global and Domestic Energy Transition
Date: 16th April 2022
Time: 10.00am - 11.30am
Speaker: Dr. Wei-nee Chen

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