

## **IChemE Student Chapter Festival 2023**

*Organised by IChemE-UM SC; Co-organised by IChemE UCSI SC*

Date	:	26 March and 01 April 2023
Venue	:	Auditorium 1, Block U, Faculty of Engineering, Universiti Malaya
Organised by	:	IChemE-UM Student Chapter (IChemE-UM SC), Department of Chemical Engineering, Faculty of Engineering, Universiti Malaya
Co-organised by	:	IChemE UCSI Student Chapter, UCSI University, Malaysia
Supported by	:	IChemE's Palm Oil Processing Special Interest Group, in conjunction with Malaysian Palm Oil Council (MPOC)
Participation	:	92 participants (Day 1) 140 participants (Day 2)
Participants	:	Undergraduate chemical engineering students
Event webpage	:	<a href="http://www.icheme.org/sc-festival-2023">www.icheme.org/sc-festival-2023</a>
News webpage	:	<a href="http://www.icheme.org/news-sc-festival-2023">www.icheme.org/news-sc-festival-2023</a>

### **Introduction to POPSIG university roadshow**

1. POPSIG roadshow, in collaboration with MPOC, aims to provide a platform for students to learn more about the roles of chemical engineers in palm oil industry.
2. It also addresses accurate perceptions and promotes various career opportunities in the industry.
3. POPSIG roadshow constitutes POPSIG Youth Sustainable Project that has been presented as a top performed project awarded by the European Union (Delegation to ASEAN).
4. IChemE Student Chapter Festival 2023 was listed as one of the events in this award-winning roadshow series.

### **Introduction to IChemE Student Chapter Festival 2023**

#### Learning outcomes (Festival)

1. Fostered a strong connection between IChemE Student Chapters and with industrial companies.
2. Understood the processing and manufacturing industry.
3. Exposed participants towards the tasks and responsibilities of a chemical engineer.
4. Acted as a platform of exchanging knowledge, ideas and experiences among participants.

### Learning outcomes (POPSIG session)

1. Understood the engineering applications in palm oil industry.
2. Recognised the contributions of palm oil industry to the UN SDGs.
3. Identified the ESG challenges, opportunities and contributions from the Malaysian palm oil industry.
4. Provided a platform to exchange views and suggestions between the students and the professionals.

## Speeches

### President's Address

President Saw Xukai was delighted to inform that IChemE Student Chapter Festival was organised both physically and virtually in 2023, after having been organised for three times. The event aimed to foster connections between students from different universities. He was delighted to see the participants from all over universities in Malaysia came together to achieve goals for chemical engineering community.

### Director's Speech

The Director, Ms Ng Xin Tong expressed her sincere gratitude to everyone who made the event a great success. She proudly said Day 1 of the event was filled with insightful simulation workshop, inspiring roundtable discussion session with POPSIG, fun-filled bonding session and intense idea presentation competition. Day 2 was continued with the interesting virtual factory tour and an enlightening industrial talk session. She hoped the participants could work together to create a more sustainable and innovative future for the field of chemical engineering.

### IChemE Student Chapter Festival 2023 Committee List

Department	Position	Name
<b>High Committee</b>	Director	Ng Xin Tong
	Vice Director	Lau En Xin
	Vice Director	Clement Tan Tzun Tao
	Secretary	Leong Joon Weng
	Treasurer	Gan Jia Min
	Treasurer	Lee Jia Yung
<b>Programme &amp; Activities</b>	Head of Department	Tan Chun Hau
	Assistant Head of Department	Lee Chun Han
	Officer	Yeo Xuan Ru
	Officer	Wong Jea Ru
	Officer	Ahmad Arif Wasfi bin Azmi
	Officer	Teh Hui Xin
<b>Protocol</b>	Head of Department	Sow Jun Dong
	Assistant Head of Department	Jeevvanraj A/L Nagaraj
	Officer	Chong Cui Hua
	Officer	Lee Seng Han
	Officer	Mohammad Hamza Jawed
<b>Public Relations</b>	Head of Department	Nuralia Bt Mohd Nizam
	Assistant Head of Department	Chan Jefyu
	Officer	Fang Wen Yi
	Officer	Hoo Sye Ping
	Officer	Loh Wen Han
<b>Delegation</b>	Head of Department	Lim YanTong
	Assistant Head of Department	Vivian Tan Tze Yih
	Officer	Choong Ming Jing
	Officer	Lai Zheng Ping
	Officer	Tan Xin Yi
	Officer	Clement Fong Yan Shen
<b>Multimedia &amp; Technical</b>	Head of Department	Choo Yun Sheng
	Assistant Head of Department	Lee Hong En
	Officer	Eileen Ch'ng Wan Yin
	Officer	Andrew Phang Eng Han

<b>Creative Media &amp; Design</b>	Head of Department	Ng Gay Syuen
	Assistant Head of Department	Hansen
	Officer	Ooi Rou Xi
	Officer	Daniel Chew Ber Lin
	Officer	Muhammad Ilmam Syahir bin Ahamad Jailani
	Officer	Wu Ying Han
<b>Logistic</b>	Head of Department	Nalan A/L Kunalan
	Assistant Head of Department	Anthea Chin Xiu Ching
	Officer	Nurul Farahana binti Mohamad Latifi
	Officer	Chua Wei Ting
	Officer	Sou Chen Guan
	Officer	Lee Zi Jia

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## **Roundtable discussion**

### List of participants

1. Peh Yong Xin
2. Choong Ming Jing
3. Andersson T'ng Khai Shern
4. Tan Chun Hau
5. Alvin Chok Chuin Wei
6. Lee Khai Jin
7. Ng Gay Syuen

### List of topics discussed

1. circular behaviour
2. effective policy
3. carbon accounting
4. fossil fuel replacement
5. POME treatment
6. methane capture
7. biogas plant
8. deforestation
9. biochar and its European market
10. SAF as jet fuel
11. palm health
12. comparison with other edible oil
13. palm plantation
14. biodiversity

### Winners of forum engagement prizes

- Alvin Chok Chuin Wei
- Andersson T'ng Khai Shern
- Peh Yong Xin

# Appendix

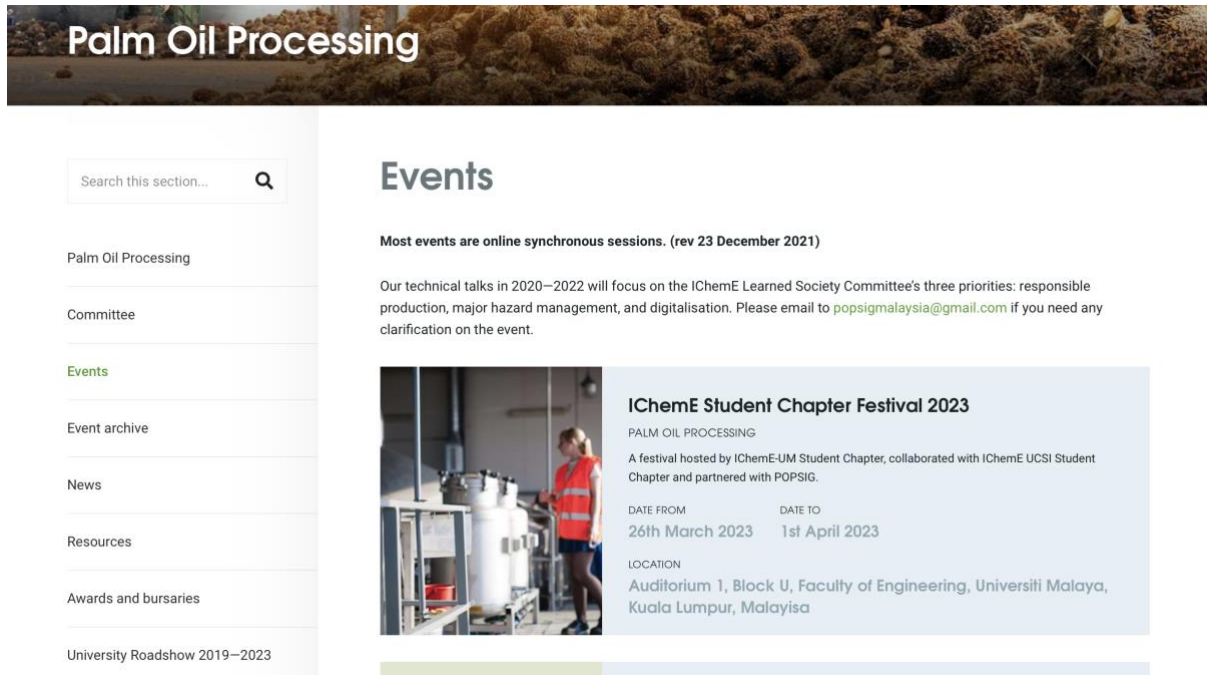


Figure 1: Event was published at [www.icheme.org](http://www.icheme.org).



Figure 2: Group photo session in Universiti Malaya.



Figure 3: The panel exchanged views with the students.



Figure 4: The students expressed their views and suggestions to the panel about the latest development in the palm oil industry.



Figure 5: The tokens of appreciation were presented by Ms Ng Xin Tong to the panellists.





Figure 6: Welcome speech by President Saw Xukai, President of IChemE-UM Student Chapter Session 2022-2023..



Figure 7: Closing speech by Ms Ng Xin Tong, Director of IChemE Student Chapter Festival 2023..