

Regional Chemical Engineering Undergraduate Conference 2022

*Organised by Department of Chemical Engineering, Faculty of Engineering
Universiti Malaya*

Date	:	17 to 18 August 2022
Platform	:	Zoom
Organised by	:	Department of Chemical Engineering, Faculty of Engineering, Universiti Malaya
In collaboration with	:	Chemical Engineering Undergraduate Club; ICHEME-UM Student Chapter (ICHEME-UM SC)
Supported by	:	ICHEME's Palm Oil Processing Special Interest Group, in conjunction with Malaysian Palm Oil Council
Participation	:	100 people per day
Participants	:	Undergraduate Chemical Engineering students
Event webpage	:	www.icheme.org/rceuc-2022
News webpage	:	www.icheme.org/news-ir4-conference-2022 www.icheme.org/reimagining-plantations-2022

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 was presented as Top 20 best projects awarded by the European Union (Delegation to ASEAN) in 2022.
4. RCEUC 2022 was listed as one of the events in this award-winning roadshow series.

Introduction to RCEUC 2022

Objectives

1. To be a primer to prepare fresh graduates for the industry.
2. To promote the exchange of ideas among the undergraduates to advance research and development initiatives.

Learning outcomes

1. Understood the modern technologies used at plantations and palm oil industry.
2. Understood the incorporation of the IR4.0 techniques in upstream and downstream processing.
3. Understood the techniques for industrial water savings.
4. Understood the roles of chemical engineer in smart industry.

RCEUC 2022 Committee List

Department	Name	Position
HICOM	Lo Huixin	Director
	Yap Kian Yao	Deputy Director
	Gina Park	Secretary
	Soo Jia Yi	Assistant Secretary
	Yong Jia Xin	Treasurer
	Sow Jun Dong	Assistant Treasurer
Event Management	Saw Xukai	Heads of Department
	Tan Heng Qing	
	Koay Zhi Long	Executive Committee
	Sumaiya Tasneem	
	Hao Ruo Chen	
Protocol	Devin Chen Yung Kang	Heads of Department
	Chen Vai Lun	Executive Committee
	Fatihah Nadiyah Binti Ahmad Raphaie	
	Nur Nabila Ainun Binti Mat Nawawi	
Competition	Cheryl Sin Pei En	Heads of Department
	Gary Hor Kai Lun	
	Lau En Xin	Executive Committee
	Choo Yun Sheng	
	Lim Xin Wei	
	Stanley Wong Wei June	
	Gan Jia Min	
MULTECH	Ng Wai Hoong	Heads of Department
	Lee Sheng Jie	Executive Committee
	Lim YanTong	
	Lim Ke Ying	
	Nureen Aimi Binti Mohd Zawawi	
Publicity	Au Yeong Wen Fui	Heads of Department
	Ooi Ding Zhi	Executive Committee
	Liu Jun Jie	
	Ilya Nazifa bt Nordin Amini	
	Leong Joon Weng	
Editorial	Wong Shin Yee	Heads of Department
	Tiu Jian Kai	Executive Committee
	Ng Gay Syuen	
	Mohammad Abrar Arif	

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Department	Name	Position
Marketing	Hau Xin Yi	Heads of Department
	Ng Zhen Bin	
	Tan Wei Ming	Executive Committee
	Tan Chun Hau	
	Lukman Hakim	
Public Relation	Previnah A/P Loganathan	Heads of Department
	Hong Jing Yu	Executive Committee
	Ng Xin Tong	
	Muhammad Amirul Iman Bin Hishamudin	
	Sabrina Zahra binti Azizul	
Delegation	Tan Shuqi	Heads of Department
	Cheah Yi Ying	Executive Committee
	Tan Xin Ying	
	Muhammad Iqbal Bin Mohamed Nazarulla	
	Mohammad Nadzirun Aiman Bin Mohd Zain	

Appendix



Figure 1: RCEUC poster. Image adapted from: RCEUC.

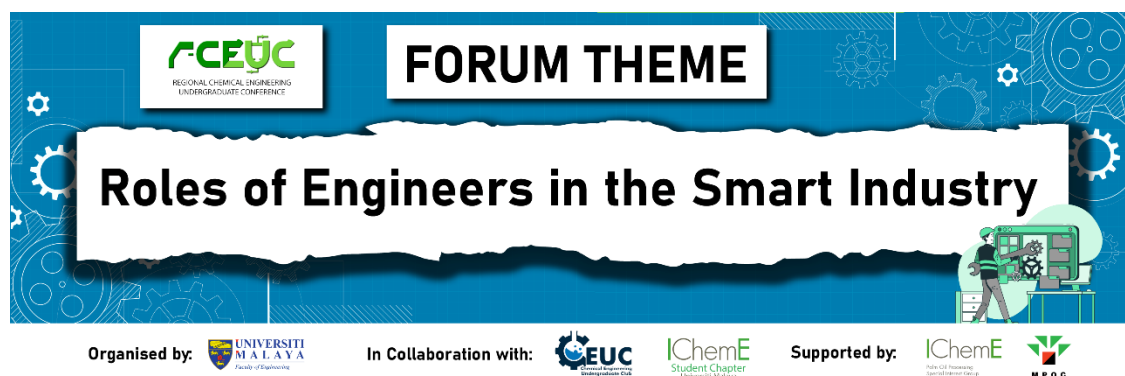


Figure 2: Announcement poster about the forum. Image adapted from: RCEUC.



Figure 3: Phone wallpaper about Dr Harikrishna Kulaveerasingam's speech. Created by POPSIG.

RCEUC
REGIONAL CHEMICAL ENGINEERING
UNDERGRADUATE CONFERENCE

Keynote Speech

THANK YOU



Dr. Harikrishna Kulaveerasingam FASc
Chief Research & Development Officer
Keynote Speaker

Presentation Title: Reimagining Plantation

Organised by:  **UNIVERSITI MALAYA**
Faculty of Engineering

In Collaboration with:  **RCEUC**
Chemical Engineering Undergraduate Club

 **IChemE**
Student Chapter
Universiti Malaya

Supported by:  **IChemE**
Palm Oil Processing
Special Interest Group

 **MPOC**

Sponsored by:  **KLK OLEO**

Figure 4: Announcement poster about Dr Harikrishna Kulaveerasingam as the keynote speaker. Image adapted from: RCEUC.



Figure 5: POPSIG disseminated the leaflet and booklet about Dr Harikrishna Kulaveerasingam as the keynote speaker to the event.

Figure 6: POPSIG welcomed Dr Harikrishna Kulaveerasingam as the keynote speaker of RCEUC. POPSIG also welcomed Yang Berbahagia Academician Tan Sri Emeritus Professor Datuk Dr Augustine S H Ong to the event.

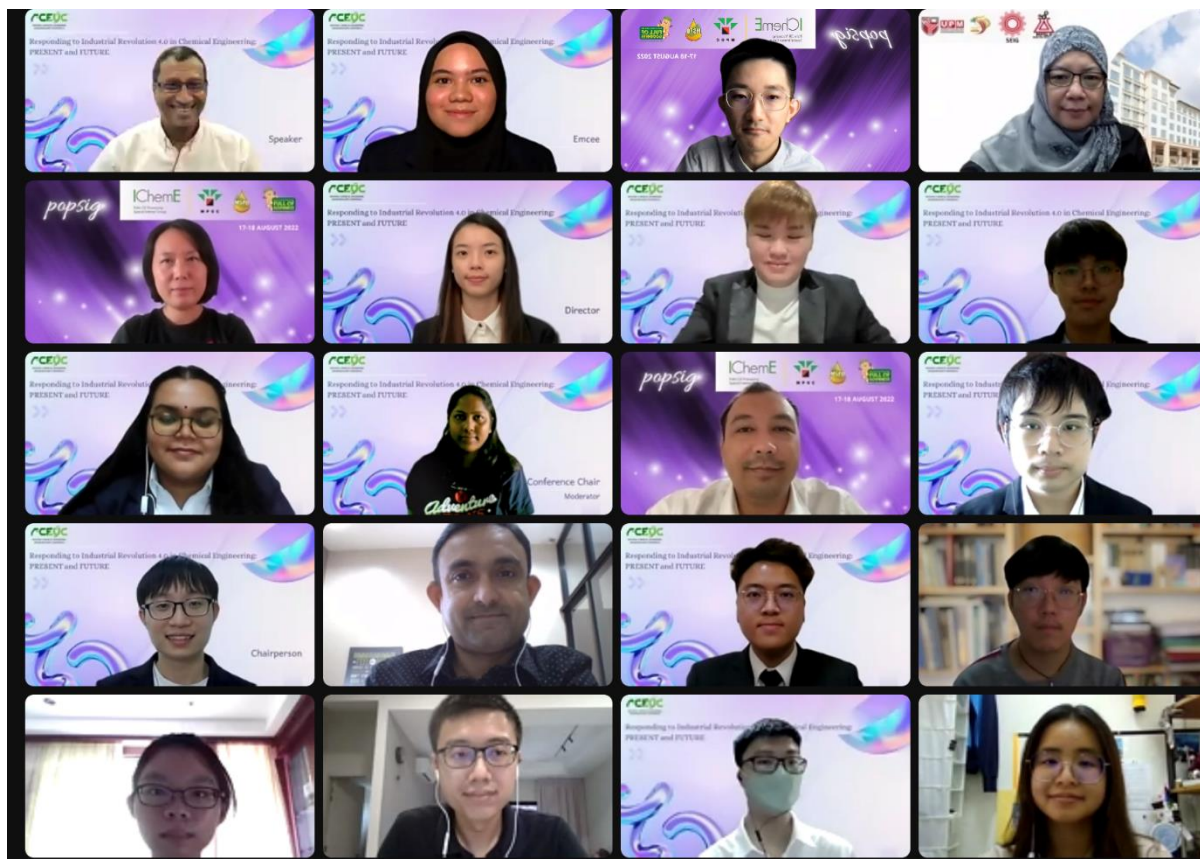


Figure 7: Group photo with Dr Harikrishna Kulaveerasingam.

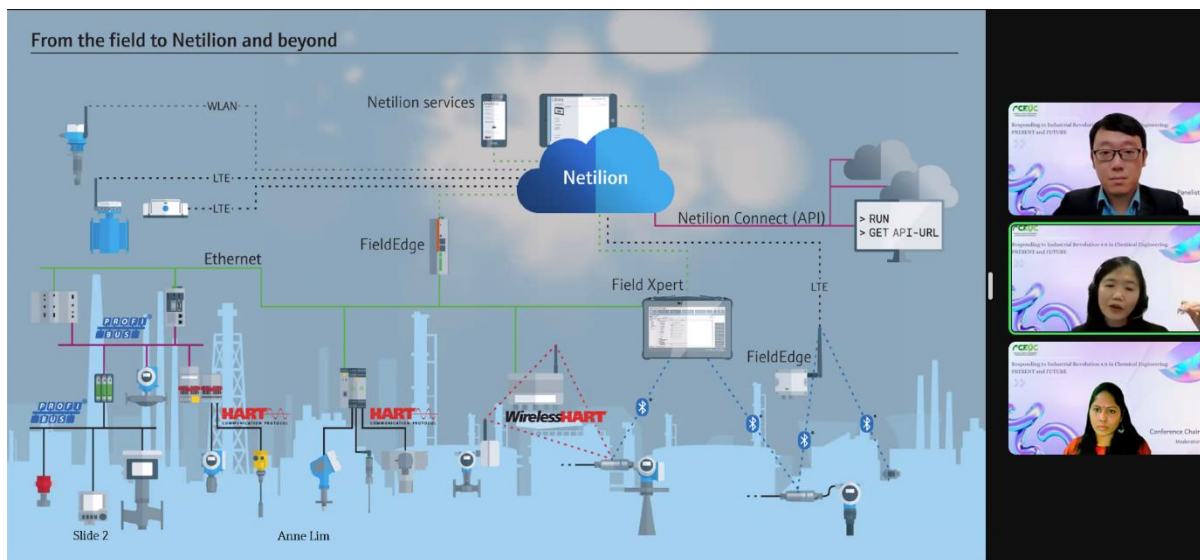


Figure 8: Introduction to IR4.0 by Ms Anne Lim May Liang (E+H).

Pictured from top to bottom, left to right: Gan Kai Ying (President of IChemE-UM SC Session 2021/2022), Ng Wai Hoong (Director of IChemE Student Chapter Festival 2022), Liu Jun Jie (Executive of Protocol Department), Professor Abdul Aziz bin Abdul Raman (Deputy Chancellor of Universiti Malaya), Loke Qiao Min (Executive of Protocol Department), Hau Xin Yi (Vice Director), Ong Xiang Geok (Vice Director).



Figure 9: Sharing session by the panellists.



Figure 10: POPSIG was presented as the sponsoring partner to RCEUC. Image adapted from: RCEUC.



Figure 11: MPOC was presented as the sponsoring partner to RCEUC. Image adapted from: RCEUC.

Palm Oil Processing

- Palm Oil Processing
- Committee
- Events
- Event archive
- News
- Resources
- Awards and bursaries
- University Roadshow 2019–2022

Harikrishna addressed Reimagining Plantations to Gen Z

REIMAGINING PLANTATIONS

by
Dr Harikrishna Kulaveerasingam
Chief Research and Development Officer
Sime Darby Plantation Berhad

Thursday, 18th August 2022

2 CENTURIES OF LEADERSHIP
www.simedarbyplantation.com

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📅 18TH AUGUST 2022

Overview

This year, POPSIG had enormous privilege to have Dr Harikrishna Kulaveerasingam, FASc - Chief Research & Development Officer of Sime Darby Plantation Berhad (SDP) - to deliver a keynote speech during online RCEUC conference at Universiti Malaya. The conference was supported by POPSIG.

Figure 12: Event was reported on News at www.icheme.org.