

# IMechE Hong Kong Branch (Session 2021 – 2022)



## Chairman Report 6 May 2022

# 1. Memberships (HKB)

	Affiliate	Associate	Hon Fellow	Fellow	Member	TOTAL
Apr 22	911 ↓	524 ↓	2	172 ↑	2044 ↑	3653 ↓
May 21	1123	536	2	162	1923	3746

# 1.Memberships (HKB)



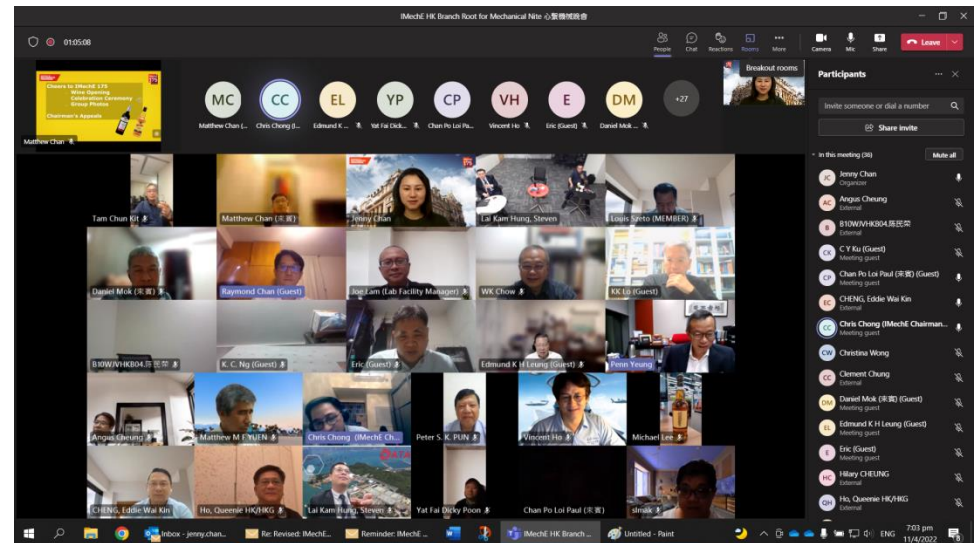
Appreciation Dinner –  
Interview Facilitators and PRI Assessors (Nov 2021)



## 2. Connections with Members

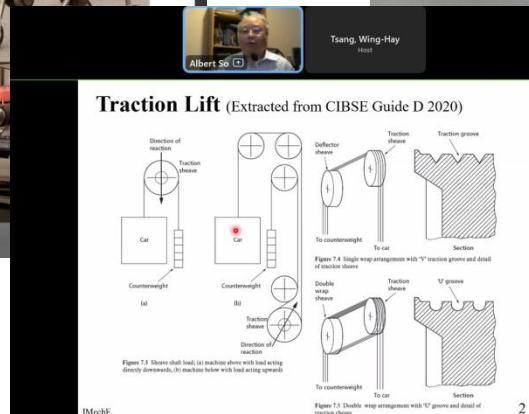
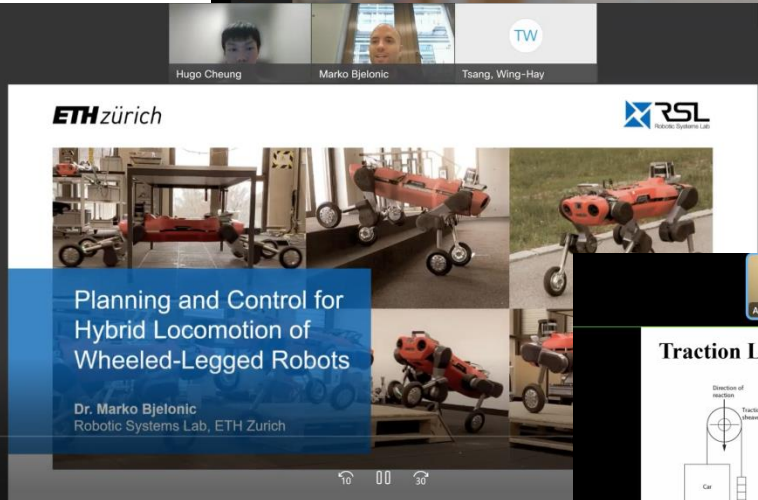


New Member Reception  
For new members  
(Oct 2021)



Root for Mechanical Nite  
For Fellow Members  
(Apr 2022)

## 3a. CPD activities



Around 100 activities



## 3b. Partnership with CUMBA



MBA

About Us | Full-time MBA | Part-time MBA | JD/MBA | News & Events | Chat With Us



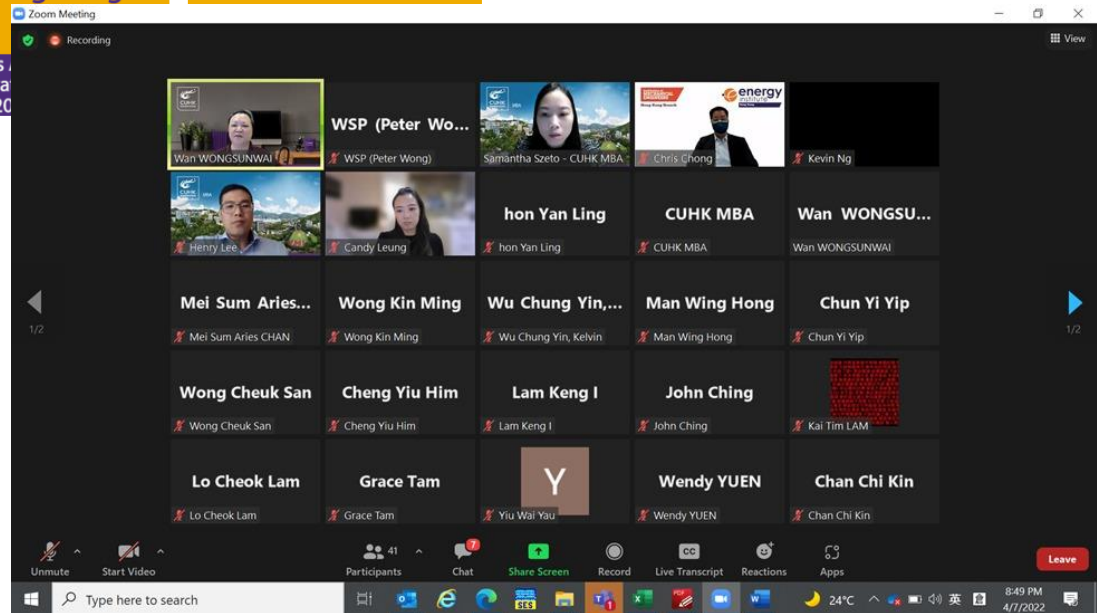
CUHK is one of the best universities in Hong Kong and worldwide with following top rankings:

**13th**  
in Asia  
**39th**  
in the World  
QS World  
University Rankings 2022

**7th**  
in Asia  
**56th**  
in the World  
Times Higher Education  
Most International Universities 2021

**1st**  
in Hong Kong  
Reuters  
Most Innovative  
in 2021

**3rd**  
in the World  
Quick Actions



- CUMBA's first partner in engineering
- 10% discount for IMechE members, if successfully enrolled

## 3c. Mentoring



<https://www.mindset180.com.au/what-we-do/coaching-and-mentoring/>

# 4a. Mechanical Engineering Leaders Series (MELS)

## Episode 02

**Dr Otto Poon, BBS, OBE**

Founder and Chairman of ATAL Engineering Group

"...work and life. *Don't keep asking for things, but always be ready to help.* If you are truly glad to offer help..."

[click to read the full report](#)



## Episode 01

**Mr Edmund Leung, SBS, OBE, JP**

Former Chief Officer of Kowloon-Canton Railway Corporation (KCRC)

"...build from scratches. *My advice is to be bold and think from first principles.* The courage to take the first step will pave..."

[click to read the full report](#)



## Engineering Leaders Series (MELS)

Institution of  
**MECHANICAL  
ENGINEERS**

**MELS**

Mechanical  
Engineering  
Leaders Series

## Hong Kong Branch

### Introduction

To promote mechanical engineering to the general public and share veteran experience with thriving mechanical engineers, the Mechanical Engineering Leaders Series aims to conduct an array of interviews to distill industry veteran's idea on the future of the mechanical engineering.

### Interviews with Leaders

#### Episode 03

**Dr Jacob Kam, JP**

CEO of MTR Corporation Limited

"...becoming the CEO. *I encourage young engineers to always step out of their comfort zone because you will never know what treasures lie ahead.*"

[click to read the full report](#)



Interviewed 7 successful leaders and  
3 reports/videos released in website/Linkedin/Facebook



## 4b. HKB Project Award



Senior Managements of Winners and IMechE team (Aug 2021)

## 4b) HKB Project Award

### CASE STUDY

#### KEY INNOVATION PROJECTS

##### Integrated D-PAU

Our staff have developed two gas-powered dehumidification projects, based on an Integrated D-PAU (Integrated Primary Air-handling Unit with desiccant wheel) equipped with solar collectors. One installation has been in operation at H Zentre in Tsim Sha Tsui from June 2020 and the other at Cordis Hotel in Mong Kok from October 2021.

The system provides outstanding benefits in terms of fresh air dehumidification and sanitisation as well as better indoor air quality. Compared with conventional Heating, Ventilation and Air Conditioning (HVAC) dehumidification, the Integrated D-PAU helps save 7% to 10% energy in cooling and an additional 5% through solar energy utilisation.

The energy cost saved by both projects per year is approximately HK\$500,000, while the annual emissions reduction is around 200 tCO<sub>2</sub>e (equivalent to the CO<sub>2</sub> absorption of about 8,700 trees per year).

The H Zentre project has equipped with solar collectors, which has been recognised internationally, winning the Innovative Energy Project of the Year from the Association of Energy Engineers, as well as a 2nd Runner up, Best Project Award, from the Institution of Mechanical Engineers in 2021.



## Towngas ESG report 2021



即時 全部 港聞 國際 中國 地產 金融 體

### 生產力局研發EAFF技術 奪 IMechE最佳項目大獎冠軍

2021-07-15 16:48



生產力局研發團隊成員（右至左）：單銘賢、陳偉倫、鄧柏鉅、溫焯新、張倚樂。  
生產力局圖片

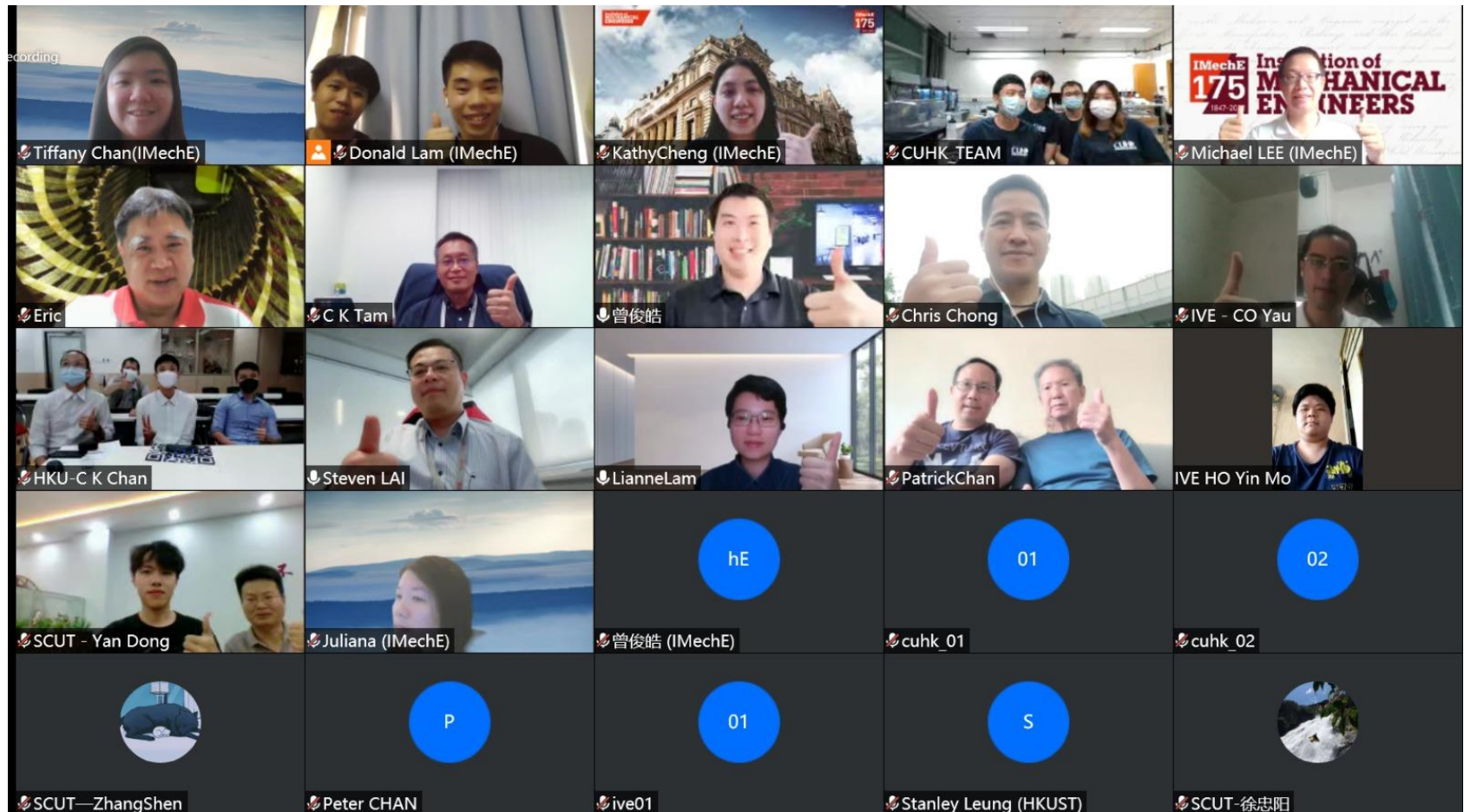
## 4c. Speak Out for Engineering (SOFE)



Speak Out for Engineering 2021/2022  
(20 Nov 2021)



## 4d. Greater China Design Competition (GCDC)



Greater China Design Competition (GCDC) 2021/2022  
(Apr 2022)

## 5. Cooperation with others





## 6. IMechE 175th Anniversary

