

# SYMPOSIUM ON ENERGY USE LNG, H<sub>2</sub> & WASTE RECYCLE ENERGY

**Engineering the Society to Achieve Carbon Zero with Clean Energy**

## Date

**10 March 2023  
(Friday)**

## Venue

**The University of Hong Kong  
Lecture Theater Library Extension 1 (LE1)**

## Time

**9:00 - 17:00**

## Registration Fee

Regular Rate **HK\$950**  
(for Early Bird) **HK\$850**

## Language English

Members of Supporting Organisations **HK\$850**  
(for Early Bird) **HK\$750**

## CPD

Electronic copy of Attendance  
Certificates will be emailed to  
participants with full attendance.

Members of Organiser / Co-organisers / Sponsors **HK\$750**  
(for Early Bird) **HK\$650**

## The Fee Covers

1-day symposium presentations  
Symposium materials

## Background

The Institution of Mechanical Engineers (IMEchE) Hong Kong Branch is organising the "Symposium on Energy Use - LNG, H<sub>2</sub> & Waste Recycle Energy" (the Symposium) where prestigious speakers and subject matter experts will share their invaluable knowledge and industry best practices in the emerging technologies and applications in Liquefied Natural Gas (LNG), Hydrogen (H<sub>2</sub>), and Waste Recycle Energy.

## Registration & Payment

Registration is accepted on a first come first served basis.  
Please register through the online system at the link: (<https://nearyou.imeche.org/near-you/north-east-asia/hong-kong/event-detail?id=20771>)  
Acknowledgement e-mail together with payment instruction will be issued upon membership verification. Registration will be confirmed after receipt of payment.

## QR Code



## Registration Deadline

**03 March 2023 (Friday)**  
**Early Bird: 30 January 2023 (Monday)**

## Target Audience

Engineers, Consultants, Government Officials,  
Policymakers, Scientists, Researchers,  
Academics & Environmental Professionals.

## Enquiries

**Jenny Chan**, Senior Executive Officer  
**Ali Li**, Executive Officer  
IMEchE (Hong Kong Office)

Tel: (852) 3153 4182 / 3153 4186  
Email: [imechek@imeche.org](mailto:imechek@imeche.org)

# PROGRAMME

## Welcome & Keynotes

Ir Edmund LEUNG, SBS, OBE, JP

Ir PANG Yiu Hung, Eric, JP

Dr LEUNG Kai Ming, Kenneth

Dr Jimmy CHIANG

Chairman of Symposium Steering Committee

Director of Electrical & Mechanical Services (EMSD)

Principal Assistant Secretary (Air Policy)  
Environment and Ecology Bureau

Associate Director - General of Investment  
Promotion (Business Development), InvestHK

## LNG Session

Operations and Maintenance  
Considerations of Offshore  
LNG Terminal

Ir KK LUK

Director - Black Point Power Station/  
Penny's Bay Power Station,  
CLP Power Hong Kong Limited  
Senior Maintenance Engineer - HK LNG Terminal

Engineering Design and  
Construction of Offshore  
LNG Terminal

Ir Johnny KL  
KWONG

Chief Mechanical Engineer,  
Mechanical Department of Projects Division,  
The Hongkong Electric Co. Ltd

Participations in Engineering &  
Constructing Green Fuel Gas  
Facilities, Meeting with  
Environmental Safety and  
Statutory Requirements

Ir KC NG

Engineering Director, HAR Consultants Ltd

## Hydrogen Session

Shaping the green hydrogen  
industry in the UK and  
overseas from offshore  
wind production

Mr Peter A  
Thompson

Director, East Asia Energy Business Leader, Arup

Transformation to Hydrogen  
Firing in Black Point Power  
Station

Mr KO NG

Director - Generation Engineering,  
CLP Power Hong Kong Limited

Extraction and Distribution  
of Hydrogen, Towngas'  
Innovative Way

Ir Stephen CHAN

General Manager - Gas Production,  
The Hong Kong and China Gas Co, Ltd

## Recycle Energy Session

The role and impact of waste  
to energy in the world's  
fascinating journey to  
carbon neutrality

Ir Norman CHENG

Business Development and Performance  
Director, Veolia

Landfill Gas Utilization -  
Distribution Energy System  
for Hong Kong Hospitals

Ir Don CHENG

General Manager - Commercial & Industrial  
Marketing & Sales,  
The Hong Kong and China Gas Co. Ltd

Application of thermal hydrolysis  
process for energy harvesting  
from sewage sludge treatment

Mr Di DENG

Technical Sales Manager, Cambi AS, JEC

Moving towards Net Zero by  
Combined Heat and  
Power Plants

Ir Steven LAI

Chief Executive, Environmental Engineering,  
ATAL Engineering Group

# Workshop on 09 March 2023

Introduction to LNG with Gas Engineering 101



<b>Date</b>	<b>09 March 2023 (Thursday)</b>
<b>Time</b>	<b>9:00 - 12:00</b>
<b>Venue</b>	<b>The University of Hong Kong</b> <b>Chow Yei Ching Building Lecture Theatre A (CBA)</b>
<b>Instructor</b>	<b>Ir KC Ng</b>

## Biography of Instructor

Ir KC Ng, FIMechE, FHKIE, has been practicing as a process plant specialist with over 45 years extensive experience in planning, designing, and engineering power generation and gas, energy, natural gas, biogas, LPG, & industrial gas process plants.

## Focus Areas of Workshop

- 1) Properties
- 2) Characteristics
- 3) Production
- 4) Usage
- 5) Safety
- 6) Regulatory Framework (Hong Kong Context) Overview

## Registration Fee

Regular Rate	<b>HK\$450</b>
(for Early Bird)	<b>HK\$400</b>
Members of Supporting Organisations	<b>HK\$400</b>
(for Early Bird)	<b>HK\$350</b>
Members of Organiser / Co-organisers / Sponsors	<b>HK\$350</b>
(for Early Bird)	<b>HK\$300</b>

## Registration Deadline

**03 March 2023 (Friday)**

**Early Bird: 30 January 2023 (Monday)**

**OR Code for  
Workshop  
Registration**



## Registration & Payment

Registration is accepted on a first come first served basis. Please register through the online system at the link (<https://nearyou.imeche.org/near-you/north-east-asia/hong-kong/event-detail?id=20773>). Acknowledgement e-mail together with payment instruction will be issued upon membership verification. Registration will be confirmed only after receipt of payment.

# Cocktail Reception on 09 March 2023

<b>Date</b>	<b>09 March 2023 (Thursday)</b>
<b>Time</b>	<b>18:30 - 21:00</b>
<b>Venue</b>	<b>3/F, British Consulate-General, 1 Supreme Court Road, Admiralty, Hong Kong</b>

**Cocktail Reception  
Sponsor**



**Details:** Free of charge. Seats are limited, prior registration is required. Details of Cocktail Reception to be provided. Successful registration will be notified by an official email.

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Maintenance Executives Society  
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The Hong Kong Air Conditioning  
and Refrigeration Association Limited

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Hong Kong Green Strategy Alliance

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IET The Institution of  
Engineering and Technology

IFMA Hong Kong Chapter  
International Facility Management Association

ice  
Hong Kong

IFE The Institution  
of Fire Engineers  
Hong Kong Branch

AEEMM  
澳門機電工程師學會  
Associação dos Engenheiros Electrotécnicos e Mecânicos de Macau  
The Macao Institution of Electrical and Mechanical Engineers

soe  
engineering success  
soe hong kong region  
營運工程師學會 香港分會

\*Logos are displayed in alphabetical order