



The Institution of
Engineering and Technology

The Institution of Engineering and
Technology Hong Kong
工程及科技學會香港分會

Chairman's Message

There is nothing more important than life and wellbeing! It is of deepest sadness to hear the passing away of our highly respected IET friend, Mr. SK Ho in early February. Mr. Ho had been a lifelong contributor and fully devoted his professional career and dedication in the Engineering Community. He will be remembered by all of us always.

Compounded with the sad news, the 5th wave of pandemic attack has brought about tremendous pains to Hong Kong where the prevalence of Omicron reached record high with tens of thousand of confirmed cases everyday. In responding to the community needs, Government Departments, medical practitioners, Utilities and engineers are all working together to step up efforts in containing the outbreak of COVID virus and to expedite the construction of isolation facilities to meet the needs. It reminds us how importance of engineers and scientists in the community to endeavour research and technology breakthrough in saving life and survival resilience.

Despite the difficult situation, I must thank all IET volunteers for their dedication in continuing their extra effort to organise events in various approaches and getting all upcoming events prepared with contingency plans for possible resumption to normal.

With the launching of our 3 strategic focuses, it is pleased to note all Sections and YMS are moving along the strategy and taking up the championships of relevant Societal Challenges in resonating their professional expertise and engineering excellence in upcoming flagship events organised later in the year.

In terms of STEM programs and female engineer promotion, various events, e.g. ROV, FLL, Faraday Challenge, YPEC, WISE and YWE, are all in the pipeline. To extend the reach of STEM promotion to deeper academic sector, in particular for secondary education, and collaboration with other engineering institutions, a strategic alliance amongst IET Hong Kong, HKIE and Education Bureau is being formed. TED talks, workshops and seminars will be organised to further penetrate STEM promotion in the community from education to professional career planning and practice.

On stakeholders engagement front, several online membership drive events had been organised to further promote IET presence in the industry. More engagement and collaboration with Industrial Representatives and Government officials are being planned which will work hand-in-hand with the planning and organising of the flagship events.

Again there is nothing more important than life and wellbeing! Despite of our role being one of the Engineering Institutions in serving the Engineering Community, we must always be vigilant in responding to the advice from Government and protecting oneself and our beloved ones. Please join me in hoping the pandemic situation leaving us soon and the livelihood of Hong Kong will gradually resume normal.

Please stay safe and healthy at all time!



Keith Chan
Chairman of Session 2022, The IET Hong Kong
CC-AP Member, The IET
April 2022

Dear members,

It is with the saddest regret that we announce the following obituary in memory of our Past Power and Energy Section Chairman – Ir S.K. Ho (Session 2009/2010).

Obituary

In memory of Ir S.K. Ho

Power and Energy Section Chairman of Session 2009/2010

It is with great sorrow that the Institution of Engineering and Technology (IET) Hong Kong announces the passing away of its Power and Energy Section (PES) Past Chairman (Session 2009/2010), Ir S.K. Ho, on Wednesday, 9 February 2022, at the age of 56 years.

Ir S.K. Ho had devoted his whole professional career to electric utility and contributed to the development of power system in Hong Kong. He had worked at CLP Hong Kong for over three decades, contributed and led in many key business functions, including power system network planning, asset management, system operations, smart grid development and innovation.

Ir S.K. Ho was elected as the PES Chairman for the Session 2009-2010. Before he was elected as PES Chairman, he was the organizing committee chairman of the 6th Power Symposium in 2007. During his tenure as Chairman, he successfully organized various activities including symposium, seminars, and technical visits for IET members. He was a Chartered Engineer, as well as a member of IET and the Hong Kong Institution of Engineers (HKIE).

IET Hong Kong is indebted to Ir S.K. Ho's service to the IET, his contribution in nurturing young talents in the engineering profession, and his dedication to the progressive development of power system in Hong Kong.

We would like to offer our deepest condolences to his family. He will be remembered by all members of IET Hong Kong.

May he rest in peace.

IET Hong Kong dragon boat race 2022 – Recruitment of Paddlers

Established in 2005, the IET Hong Kong dragon boat team has been racing in Hong Kong waters including Stanley, Shatin, Sai Kung, Tai po and Mui Woo over the past years and is in the process of recruiting new members for races scheduled for 2022!

In 2022, the IET Hong Kong dragon boat team plans to participate in the Mui Woo race scheduled on 29th May, the Shatin race scheduled on 3rd June respectively! *(*The dates are to be confirmed as IET Hong Kong will continue to closely monitor the situation of COVID-19/ Omicron before holding physical activities)*

There will be Land-based training at Tsing Yi sports centre and subsequent water-based trainings at Sai Kung, gradually building up the strength, stamina and team work for this physically demanding sport! *(**Please note that, in view of the current pandemic situation in the community, we will stop the trainings until further assessment before resumption)*

Dragon boating is one of the fastest growing and most exciting water sports you can take part in Hong Kong, and the event is widely covered by public media both locally and internationally!



“Tuen Ng” festival or commonly known as the Dragon boat festival has deep cultural ties, evidenced by the ceremony and ritual surrounding the races, IET’s participation in local races will facilitate a positive interaction with the community and provides a platform to foster sportsmanship and team development among members!

Interested member please contact Johnny Leung at 9380 9240 johnnyleung@virtualemiconductor.com for more detail!

IET Youth Mentoring Programme (YMP) 2022 - Mentor Recruitment

On behalf of the Hong Kong Students Section of the Institution of Engineering and Technology (IETSS), we would like to invite you to become one of our mentors in the Youth Mentoring Programme (YMP) 2022.

Ever since 2011, YMP has helped hundreds of aspiring engineers develop professional relationships, strengthen technical knowledge, and improve personal skills. We are more than delighted to continue the momentum of the Youth Mentoring Programme, and thus are looking for mentors who are passionate about inspiring young engineers, and have more than five years of work experience in engineering industries to be the guiding lights for our mentees in YMP 2022.

Being one of our YMP mentors, you will be grouped with two to three mentees, who are engineering undergraduates from local universities (including international students), to share your valuable experience and expertise. Your patient guidance and sharing will certainly broaden mentees' horizons and help their future career development.

Realizing the importance for participants to interact with each other physically and familiarize themselves in order to have a better mentor-mentee relationship, we are working prudently in accordance with the law under the optimistic premise that the pandemic situation would get better over the months to arrange YMP 2022 in a face-to-face format. Mentors will be invited to attend the following events, and your attendance is preferred:

Item	Description (tentative)
Schedule	1. Opening Ceremony Date: 26 th June 2022 (Sunday) Time: 14:00 - 18:00 Venue: Online (We are currently searching for a suitable venue, possibly switch to a physical venue)
	2. Networking Sessions (Casual gathering events with mentees) Date: June 2022 to November 2022 (Preferably in a face-to-face format, subject to the social distancing rules in Hong Kong)
	3. Closing Ceremony Date: 27 th November 2022 (Sunday) Time: TBC Venue: TBC (preferably in physical format)
Language	English
Dress code	Formal dressing for opening and closing ceremonies

For networking sessions, the groups are free to communicate in the language they are comfortable with, as usual. This year, we hope to involve non-Cantonese-speaking students in this programme. Therefore, there might be a few non-Cantonese-speaking students involved if mentors are interested. Please let us know if you prefer mentees who speak English instead.

If you are interested in being a mentor of YMP 2022, please find the application form at (<https://forms.gle/FBj1NJa2xpKVHkRz5>), or you can simply scan the QR code **by 25th May, 2022 (Wednesday)**. You will be notified of the application results **by early June 2022** via email.

Should you have any enquiries, please do not hesitate to contact me at **9685 0901** or email to ietss.hkg@gmail.com.

We thank you for your support, and look forward to your positive response.

Yours faithfully,

Sunny H.L. Tsui

Younger Members Section (YMS) Students Section Chairman

Technical Webinar: New National GmSSL Standards for Smart Products and Applications

Date: 14 January 2022

The Chinese government has designed a series of security standards for communication and data encryption, such as ShangMi (SM), a commercial cipher. It refers to the cipher technology used for commercial purposes. A new national GmSSL standard was designed and issued by the National Cryptographic Administration of China. The latest GmSSL project is a branch of OpenSSL that can provide a more robust and faster protection method for different operating systems (OS). In addition, it can substitute for existing OpenSSL modules and support for all kinds of SM commercial ciphers.

ECS has invited Mr. Alex Wu from Integrated Corporation to present the latest GmSSL Standards and the application. In the financial industry, retail industry, transportation, network service, and personal authentication, they rely on GmSSL to provide a safe and reliable environment to protect citizens. The speaker also shared his experience with different SM cryptographic methods and discussed how the technologies deploy in different commercial sectors.



Group photo of ECS chairman Mr. Kelvin Hung (Left) and speaker Mr. Alex Wu (Right)

This webinar attracted more than 60 participants and rewarding for the audience to receive the latest information about GmSSL and its application. ECS would like to take this opportunity to thank Mr. Alex Wu for his insightful sharing.

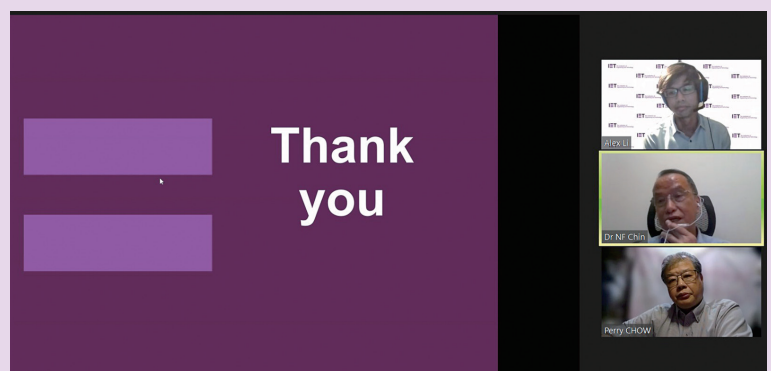
*Reported by Chris Lam
Electronics and Communications Section (ECS)*

Webinar on Professionalism Sharing and Membership Drive

The webinar on Professionalism sharing and Membership Drive was successfully held in the evening of 23 Mar 2022 by the Railway and Transport Section (RTS) of the IET Hong Kong with 94 members and 71 non-members attended.

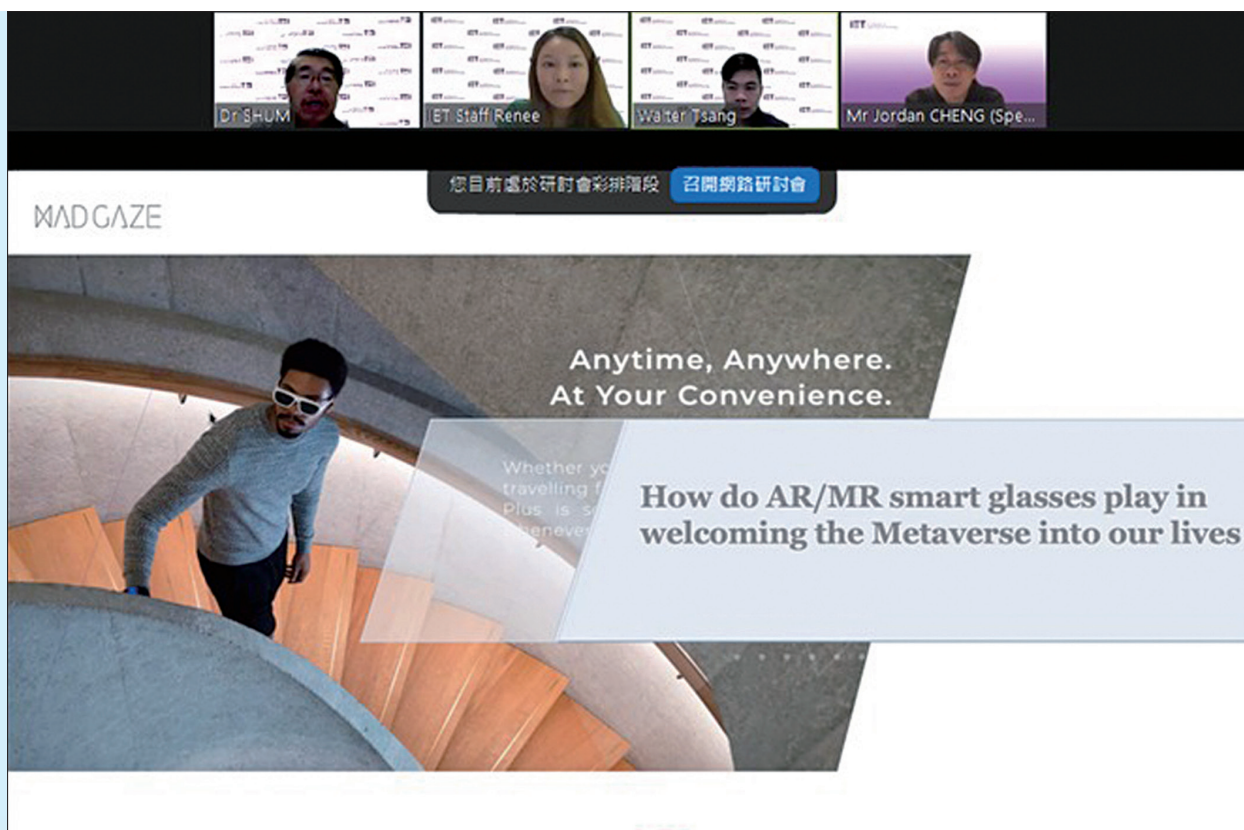
It was a great honor to invite Dr NF Chin and Ir Alex Li, two experienced engineers to be our speakers. In the first session of the webinar, Alex shared his experience in gaining professional registration via IET as a CEng and provided useful tips on chartership preparation. The webinar was followed by a 20-minute Q&A session by NF and Alex to address participants' questions on career planning and engineering chartership.

Railway and Transport Section, on behalf of the IET Hong Kong and all participants, would like to thank Dr NF Chin and Ir Alex Li again for their presentations and sharing on the topics.



*Reported by Michelle Hui
STEM and Membership Drive Coordinator (Session 2022)
Railway and Transport Section*

ECS Webinar: How do AR/MR smart glasses play in welcoming the Metaverse into our lives?



Group Photo with speaker and OCS

Date: 18 March 2022

Metaverse is an emerging technology for social connection in a virtual world, which is having a range of applications such as education, entertainment & business, and Augmented Reality (AR) and Mixed Reality (MR) allow users to enter the virtual worlds by means of AR & MR smart glasses. These glasses are equipped with powerful operators and optical engine which enable a new level of portable functionality. In recent years, the rise of augmented reality smart glasses is hitting the consumer market. In the future, it will be a trend to integrate metaverse into our lives.

ECS has invited Jordan Cheng, founder of MAD Gaze to present the latest development of metaverse and AR & MR smart glasses. Jordan shared his view on capabilities of smart glasses, use cases, trends, and challenges to overcome in the journey of smart glasses reaching mainstream adoption in the consumer market. He also demonstrated the latest products of AR & MR smart glasses in the webinar.

This webinar attracted more than 65 participants, and this was rewarding for the audiences to understand more about metaverse and the development of AR & MR glasses for now and the future. We are glad to see participants asking questions in the Q&A section, showing interests in metaverse and AR & MR smart glasses. ECS would like to express gratitude to Jordan Cheng for his valuable sharing.

*Reported by Chris Lam
Electronics and Communications Section (ECS)*

Technical Webinar on Introduction of Dynamic UPS

Organized by:	Power and Energy Section, IET Hong Kong
Date:	13 May 2021 (Friday)
Time:	18:30 – 20:00
Venue:	Webinar
Language:	Cantonese with English terminology
Fees:	Free of charge for member and non-member. Priority will be given to members (Successful applicants will be notified by email)
Participants:	200 (first come first served)
Registration:	www.theiet.org/hongkong
Enquiry:	Mr. Ralph Lau Email: ralphpesiet@yahoo.com

Static UPS systems use batteries to provide energy required for the ride through period. In contrast, DRUPS (Dynamic Rotary UPS) systems use a flywheel to store kinetic energy used for the ride through period. DRUPS is mainly used in critical infrastructures such as data centres, airports, casinos etc. Mr. CHUNG will introduce the main component of system and energy storage by flywheel, and how the system works as UPS. He will share case study shown its application and operational performance of DRUPS.

Biography of speaker:

An electrical engineer with 30 years working experience in LV and MV electrical installation, design of standby diesel and natural gas generator, gas turbine generator and rotary dynamic UPS system. Mr. Cheung completed various projects in Hong Kong, Macau and mainland China. Some backup power projects are PCCW SLC site, West Railway, Macau Tower, MGM Cotai, Shanghai Stock Exchange Data Centre etc.

Sharing by STEMpreneur Monica Leung: practical AI in schools and hospitals

Organized by:	Electronics and Communications Section Committee, IET Hong Kong
Date:	13 May 2022 (Friday)
Time:	19:00 – 20:00
Venue:	Online Webinar
Speakers:	Ms. Monica Leung Founder and Director, Blueinno Technology Limited
Language:	Cantonese (supplemented with English materials)
No. Participants:	200 (first-come first-served)
Registration:	www.theiet.org/hongkong
Fees:	Free of charge
Enquiry:	khung@hkmu.edu.hk

In this webinar, the speaker will share her experience in founding Blueinno, an EdTech and AI consultancy company to inspire students and clients to innovate with technology. Not only will she share how this journey began with examples of STEM education kit sets, courses, and learning platforms, but also introduce the award-winning AI projects for the Hospital Authority that are developed through collaboration between the team and their mentees. Blueinno's AI Division Team has won 3 awards for the AI Challenges competition organized by the Hospital Authority and Hong Kong Science and Technology Parks Corporation. Blueinno was crowned as the overall winner, 1st place in Localization Accuracy, and 1st place in Classification Accuracy. This is the first competition in Hong Kong focusing on using computer vision technology for surgical instrument detection and counting in medical settings.

Speaker:

Ms. Monica Leung is Founder & Director of Blueinno Technology Limited. She founded Blueinno in 2016, with a mission of inspiring the young to innovate and cultivate an entrepreneurial mindset, through developing STEM knowledge, coding skills, robotics, and design thinking. Since then, she has taught over 10,000 students from both primary and secondary local and international schools, as well as university students and young teachers. Before founding Blueinno, Monica had over 10 years of R&D experience in software development and engineering product design in the information communication technology (ICT) industry. She holds a bachelor and master degree in electronic engineering and computer science from The Chinese University of Hong Kong. She is also an executive committee member of Hong Kong Electronics & Technologies Association (HKETA), and a committee member of the Computer Science Advisory Committee (CSAC) of The University of Hong Kong.

“No Pain, More Gain” - A Physiotherapy Online Workshop

Organized by:	Younger Members Section Committee, IET Hong Kong
Date:	14 May 2022 (Saturday)
Time:	14:00 - 16:00
Medium:	online meeting platform (Zoom)
Speaker:	Mr Canaan Leung
Language:	Cantonese with English material
No. Participants:	70 (first-come-first-served)
Registration:	www.theiet.org/hongkong
Fees:	Free of charge
Enquiry:	Angel Yeung, snyeung37@gmail.com

Getting a sore back after working for hours?

“Click-clack!” Is that the sound of your neck?

Now, you are the “BackPain” in your area.

Do not overlook the siren of your body. The work-related pain can further develop into musculoskeletal diseases. Come and join our workshop held by a professional physiotherapist. You can get

to know about the causes, symptoms, and solutions to your aches. Don't forget to learn some workouts to help relieve your stress.

We are honour to have Mr Canaan Leung, a physiotherapist, to be our guest to deliver the workshop. Graduating from Hong Kong Polytechnic University, Canaan's career began to excel during his time at Haven of Hope Hospital, where he gained experience and sharpened his skills in musculoskeletal, neurological and orthopedics rehabilitation. Canaan is actively engaged in many sports events, most recently serving as the team Physiotherapist of a HK Premier League Football Club in Asian Football Cup, and being part of the HK Rugby Union emergency medical team. He strongly believes that movement and exercise is the key to success in rehabilitation.

Register to grab the last chance to save your back.

Supporting Event: Technical Seminar - AI-based Reliability & Safety - Transforming Smart Manufacturing and Smart City with Applications

Organized by:	Centre for Advances in Reliability and Safety (CAiRS)
Supported by:	CMA Testing, HKSTP, IET Hong Kong, IMechE Hong Kong Branch, Society of Operations Engineers (SOE) Hong Kong Region
Date:	19 May 2022
Time:	09:30 – 17:00
Venue:	INNO2 Multi-function room 2-3, 2/F., 17W, HKSTP
Enquiry:	2162 5161 Email: info@cairs.hk Website: https://www.cairs.hk/

Nowadays, industrial components, modules, products, and systems are complex in design and manufacturing. They are commonly used in smart manufacturing and smart city with mission-critical applications. Their reliability and safety are the key concerns from both manufacturer and user perspective. Combining with physics-based methodologies, AI-based data-driven technologies are the promising new approaches in anomaly diagnostics and prognostics for addressing real-life reliability and safety issues. In this technical seminar, technology leaders from industry and academia will have valuable sharing on their practical experience, technology trends and insights in details.

Supporting Event: International Coding Education Festival (ICE Festival)

Organized by:	International Coding Education Foundation; The Hong Kong Association for Computer Education; Cyberport Hong Kong
Supported by:	IET Hong Kong, Centre for Information Technology in Education, Faculty of Education, The University of Hong Kong; EdUHK Department of Mathematics and Information Technology; Hong Kong Metropolitan University School of Science

and Technology; Hong Kong Education City; The Academy for Bright Future Young Engineers, HKUST; InnoSpace, Hong Kong Productivity Council; Hour of Code Hong Kong; Office of the Government Chief Information Officer; The Association of Hong Kong Chinese Middle Schools; Hong Kong Association for Science and Mathematics Education; Joint School Information Technology Association; Esperanza; Hong Kong Wireless Technology Industry Association Faculty of Education, The University of Hong Kong, Hong Kong Metropolitan University School of Science and Technology, Hong Kong Metropolitan University, School of Science and Technology

Date:	21-22 May 2022
Time:	10:00am – 6:00pm
Venue:	Cyberport
Enquiry:	Ms Betsy Kwan Email: contact@icefoundation.io

The inaugural ICE Festival themed "Empowering Future Tech Leaders" will be staged in Cyberport in May 2022. The Festival brings together renowned academia, industry experts, teachers, parents and students to discuss global STEM trends and exchange insights on STEM education. Participants will also have the opportunity to experience the latest technologies in our everyday lives via a myriad of activities, including seminars, exhibitions, workshops and competitions.

Webinar - Railway System Analytics- Use Cases and Considerations

Organized by:	Railway and Transport Section (RTS), IET Hong Kong
Date:	26 May 2022 (Thursday)
Time:	7:00pm – 8:00pm
Venue:	Webinar
Fees:	Free of charge
Language:	English
No. of Participants:	50
Enquiry:	Mr. Steve CHU (steve2up@gmail.com)
Speakers:	Mr HW CHAN and Mr Andy PANG

We have invited Mr HW Chan and Mr Andy Pang from MTRCL to share the Smart Railway Technologies and Applications on local MTR lines.

Programme Highlight

MTRCL aims to achieve smart maintenance by implementing innovative IoT sensor technologies to monitor the condition of railway assets and consolidate big data across various assets, analysing the big data pattern and giving meaningful and actionable insight with data visualisation to the maintenance team for predictive and prescriptive maintenance.

The railway system consists of numerous subsystems including Permanent Way, Rolling Stock and Traction Power System, etc. Various types of IoT sensors and cameras are integrated into the smart networks which can collect wear and tear conditions of the assets. Meanwhile, the installation of the IoT sensors and accessories such as power supply, data cables and backbone infrastructure shall be properly designed and commissioned without affecting daily railway operations.

Collecting, analysing, and storing massive volume of data generated by IoT sensors exceeds the capabilities of traditional analytics and business intelligence tools. This is where today's advanced analytics platforms can be utilised to build statistical and machine learning models to detect anomalies in the system and possible defects in railway equipment. These models also detect the rising trend of a specific system or parts before exceeding the threshold, thus maintenance work could be arranged in advance before the system or equipment fails. Mr HW Chan and Mr Andy Pang from MTRCL, will share the use cases and considerations of using IoT sensor technologies and how data analytics transforms railway operations and maintenance.

BIM Forum 2022 — Building by Smart and Innovative Techniques

Organized by:	Informatics and Control Technologies Section, IET Hong Kong
Date:	11 June 2022 (Saturday)
Time:	09:30 - 13:30
Venue:	Webinar
Fees:	Free of charge
Language:	English (unless specified)
No. of Participants:	1000 (First-come first-served)
Enquiry:	Mr. David Yiu, Email: eeycwab@gmail.com Website: bimforum.ictconference.hk

This IET BIM Forum 2022 is a great platform for participants to explore the latest technologies and applications in Building Information Modeling (BIM), which fundamentally changed the Construction Industry nowadays.

Programme Highlight

This forum aims to provide a platform for the government officials, university researchers, and major industry professionals to share the views on the government policy, the latest development and the newly developed applications in Building Information and Modelling (BIM) in different aspects. The theme of this year BIM Forum is " Building by Smart and Innovative Techniques ".

Supporting Event : SOEHK Annual Symposium 2022 – Move like Operations Engineers

Organized by:	Society of Operations Engineers (Hong Kong Region)
Supported by:	ASIS International - Hong Kong Chapter; Building Services Operation and Maintenance Executives Society (BSOMES); Chartered Institute of Plumbing and Heating Engineering - Hong Kong Branch (CIPHE-HKB); Chinese Mechanical Engineering Society; Federation of Automobile Services Industry Hong Kong (FASIHK); Hong Kong Association of Energy Engineers (HKAEE); Hong Kong Association of Risk Management and Safety (HKARMS)I Hong Kong Qualifications Framework; Hong Kong Vehicle Repair Merchants Association Limited (HKVRMA); Institute of Electrical and Electronics Engineers of Macau; Institution of Mechanical Engineers; International Facility Management Association - HK Chapter (IFMA-HK); SOE Macau; The Chartered Institute of Building (Hong Kong); The Hong Kong Air Conditioning and Refrigeration Association Ltd. (ACRA); The Hong Kong Federation of Electrical & Mechanical Contractors Ltd (HKFEMC); The Hong Kong Institute of Housing (HKIH); The Hong Kong Institution of Engineers - Control Automation & Instrumentation Division (CAD); The Hong Kong Institution of Engineers - Logistics & Transportation Division (LTE); The Hong Kong Institution of Engineers -Safety Specialist Committee (SSC); The Institute of The Motor Industry Hong Kong; The Institution of Engineering and Technology Hong Kong; The Institution of Environmentalists
Date:	11 June 2022
Time:	09:00 - 18:00
Venue:	Dual-mode – Asia World Expo and Live streaming via online platform
Enquiry:	symposium@soe.org.hk Email: symposium@soe.org.hk Website: www.soe.org.hk

New developed transportation system and constructed infrastructure in Hong Kong facilitated rapid development in industries of Engineering, Business, Commercial, etc. In this symposium, SOEHK would like to discuss what are these new developed systems and how these systems benefit to us.

Webinar: Latest Development and Applications in Maritime Traffic Management Systems

Organized by:	Railway and Transport Section (RTS), IET Hong Kong
Date:	23 June 2022 (Thursday)
Time:	7:00pm – 8:00pm
Venue:	Webinar
Fees:	Free of charge
Language:	English
No. of Participants:	50
Enquiry:	Mr Steve CHU (steve2up@gmail.com)
Speaker:	Pieter van Vrijberghe de Coningh, Managing Director, Saab Technologies (Hong Kong) Limited

Pieter will share the latest development in maritime traffic management systems in Hong Kong. Pieter's team supplies the 2nd and the current 3rd generation Vessel Traffic Services Systems (VTC) to the Marine Department of the Hong Kong Government. Pieter will demonstrate how VTC was built to reinforce Hong Kong's position as a world-class shipping hub and an international maritime centre.

Programme Highlight

Maritime transport is the primary link in the global logistical chain. Not only are the world's seas and waterways a transport highway, but they are also a natural resource for food, raw materials and energy, etc. Maritime traffic management systems are essential tools to support authorities, shipping industries and service providers to ensure the safety, security and efficiency of transport over water.

Pieter will share the event technology behind the systems, current applications in Hong Kong, and latest trend and development of maritime traffic management in the world.

Supporting Event: Build a Secure Cyberspace 2022 "Fact Check After Receiving, Think Twice Before Sharing" Folder Design Contest

Organized by:	Office of the Government Chief Information Officer; Hong Kong Police Force; Hong Kong Computer Emergency Response Team Coordination Centre
Supported by:	IET Hong Kong
Submission Deadline:	4 July 2022
Enquiry:	+852 2788 5421 Email: event@hkcert.org

Website: <https://www.cybersecurity.hk/en/contest-2022.php>

The Office of the Government Chief Information Officer, the Hong Kong Police Force and the Hong Kong Computer Emergency Response Team Coordination Centre have jointly organised "Fact Check After Receiving, Think Twice Before Sharing" Folder Design Contest (the Contest). The Contest aims to arouse cyber security awareness of the general public to observe digital etiquette and laws, and be sceptical when sending and receiving messages. The general public should also protect their personal information from abuses by the adversaries.

Online Registration: www.theiet.org/hongkong

IET Hong Kong

Administration: admin@theiet.org.hk

Event Registration & Enquiry: reg@theiet.org.hk

For enquiry on advertising or any of the activities organised by IET Hong Kong, please contact Community Manager, IET Hong Kong:

T: 2778 1611

F: 2778 1711

E: admin@theiet.org.hk

A: The Institution of Engineering and Technology Hong Kong, 4405-06 Cosco Tower, 183 Queen's Road, Central, Hong Kong

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Programme Co-developed by CLP Power Academy
and Two Prestigious Universities in Engineering

The Power to Move Upward

Dual Master's Degree Programme

Focusing on Future Energy and Power System
Smart Operation and Management

An Opportunity to Acquire **Two Master's Degrees** in 2.5 Years (Part-Time) and Apply **Big Data Analytics/ Artificial Intelligence/IoT/Machine Learning** to tackle real-life challenges through Thesis Projects

Course Highlights

- Part-time programme in **2.5** years
- Combine academic research with professional practice, along with the application of the **latest innovation and technology** such as **big data analytics, artificial intelligence, IoT and machine learning** to tackle real-life and industry-based challenges through thesis projects
- Combination of **online distance learning and taught modules**
- Guidance from both **academic supervisor and industry supervisor** for thesis project
- Network building with **industry practitioners**
- Acquire **2 Master's Degrees** from prestigious universities:
 - Master of Philosophy (MPhil) from The Hong Kong University of Science and Technology
 - Master of Science (MSc) from University of Strathclyde, UK
- Many new real-life challenging **CLP projects** for students to consider for their thesis projects
- Scholarship from University of Strathclyde** for students not in receipt of other funding support or financial subsidy

Fast-track your engineering career path with this unique 2.5-year degree programme which is based around real-life engineering scenarios. The programme also provides successful candidates a chance to acquire two Master's Degrees as well as access to a wealth of engineering knowledge and expertise from seasoned practitioners. It is the first part-time Dual Master's Degree Programme in Hong Kong co-developed between universities and industry partner.

Entry Requirements

- A first class or second class Bachelor's Degree in a relevant engineering subject (electronic, electrical, mechanical, energy, power, environmental, or systems engineering) or physical sciences subject (mathematics, physics, computer science) from a recognised academic institution. Other academic qualifications may be considered on a case-by-case basis
- Proficiency in English

Programme Details:

<https://dualmsc.seng.ust.hk/>



Register for Information Seminar

Date: 18 Mar 2022

Time: 18:30 - 19:30

<https://bit.ly/3oYa66S>



1st round selection in Apr

Enquiry & Enrolment:

<https://bit.ly/3LTcVjA>



Application
Deadline

MPhil(CBME)

1 Jul 2022

MPhil(CIVL), MPhil(CSE),
MPhil(ECE), MPhil(MECH):

15 Jul 2022

Supporting Organisations for
Programme Promotion



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