

REPORT FROM DIVISIONS AND OTHER COMMITTEES FOR SESSION 2023/2024



Ir Darryl CHAN Chun Hoi
Chairman, Aircraft Division



Ir David WONG Yuk Ming
Chairman, Biomedical Division



Ir Tony ZA Wai Gin
Chairman, Building Division



Ir Keith YUE Wai Pui
Chairman, Building Services Division



Ir Simon NG Pak Hung
Chairman, Civil Division



Ir Prof Louis LOCK Fat Shing
Chairman, Control, Automation & Instrumentation Division



Ir Andrew YAN Ka Wing
Chairman, Electrical Division



Ir TSE Lok Him
Chairman, Electronics Division



Ir Alex WONG Wai Keung
Chairman, Environmental Division



Ir Anthony PAU Wai Keung
Chairman, Fire Division



Ir Steven CHAN Nai Kin
Chairman, Gas & Energy Division



Ir Dr Gavin TOH Seng Huat
Chairman, Geotechnical Division

July 2023

Building Services Division

Award Ceremony of Excellent Building Award:

The Excellent Building Award was the first Award organised by the BS Division aimed at recognising projects that achieve building excellence across various aspects. Ir Winnie HO Wing Yin, JP, Secretary for Housing, served as the Guest of Honour during the award ceremony held on 7 July 2023. She delivered a speech and presented the Year of Excellent Awards to the winners in the New and Existing Building Category. Additionally, 25 excellent building projects from industry participants across different sectors received the Grand Building Awards.



Electrical Division

Overseas Technical Visit to the UK:

An overseas technical visit to Scotland and England of the UK was held in July 2023. Three technical visits were organised and successfully completed including visits to a cable factory in Glenrothes near Edinburgh, a transformer and rectifier factory in Guildford, and the new Elizabeth Line depot and workshop at Old Oak Common in London.



Nuclear Division

Technical Seminar on "Overview of the IAEA Comprehensive Report on the Safety Review of the ALPS-treated Water at the Fukushima Daiichi Nuclear Power Station":

To provide an overview of the subject report including the incident background, progress of Advanced Liquid Processing System (ALPS)-treatment activities, and the measures taken by the International Atomic Energy Agency (IAEA) and the Japanese authorities in monitoring and safeguarding against the impact arising from the ALPS-treated water discharge.





Ir Ricky KWONG Wai Chuen
Chairman, Information
Technology Division



Ir Dr WONG Yiu Man
Chairman, Logistics &
Transportation Division



Ir Dr Eric LIU Sai Lok
Chairman, Manufacturing,
Industrial & Systems Division



Ir Dr Tommy LO Yiu
Chairman, Materials Division



Ir Fanny TING Pong Yau
Chairman, Mechanical, Marine,
Naval Architecture & Chemical
Division



Ir Prof Herman TSUI Yik Wai
Chairman, Nuclear Division



Ir Kevin TANG
Chairman, Structural Division



Mr Otto MAK Wai Hung
Chairman, Associate Members
Committee



Ir Terence YAU Lap Yan
Chairman, Authorised Person/
Registered Structural Engineer/
Registered Geotechnical
Engineer Committee



Ir Prof Joseph Duncan CHI Wuh Jian
Chairman, Safety Specialist
Committee



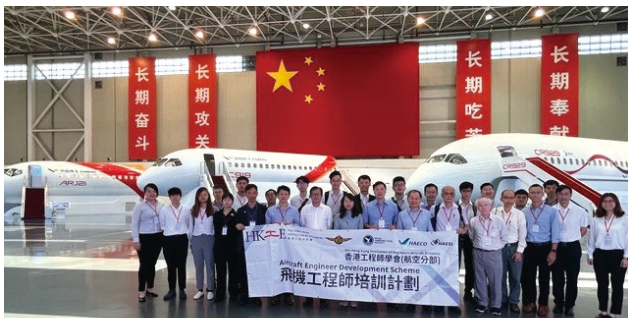
Ir CHEUNG Tin King
Chairman, Young Members
Committee

August 2023

Aircraft Division

Aerospace Technical Visit to China:

The visit to China was a major highlight, especially when touring Aero Engine Corporation and Commercial Aircraft Corporation of China Limited (COMAC).



Associate Members Committee

Technical Visit to Steel Pipe Factory in Zhuhai, China:

Panyu Zhu Kong steel Pipe Factory is one of the largest manufacturers and exporters of longitudinal welded steel pipes in the region with a plant capacity of 500,000 tonnes of steel pipes. Participants attended a guided tour showcasing the manufacturing process and production lines for different products.



Biomedical Division

Biomedical Engineering Conference 2023:

The conference theme is "Healthcare Innovation & technology: Roles of HK Biomedical Engineers in the Greater Bay Area (GBA)". This conference aims to explore frontier and emerging biomedical topics from healthcare organisations, industries, start-ups and universities. Most importantly, it provides an interdisciplinary atmosphere for students, engineers and experts to connect and exchange ideas.



Biomedical Division (Cont.)

Visit to China International Medical Equipment Fair (CMEF) Shenzhen:

The technical visit to CMEF Shenzhen focuses on latest Medtec developments and Greater Bay Area collaboration.



September 2023

Safety Specialist Committee

Site Visit To Kai Tak Sports Park:

The visit to multi-purpose sports complex in Kai Tak showcased the Smart Site Safety System (SSSS), including remote flood prevention, temperature monitoring, tool registration with QR codes, and RFID-based lift-shaft access control. The Centralised Management Platform (CMP) for monitoring worker safety performance was also introduced, enhancing site safety and productivity.



Young Members Committee

Hong Kong Engineering and Construction Professional Youth Greater Bay Area Study Tour – Huizhou:

Over 20 professional groups from Hong Kong joined the visit to promote sustainable development, explore Hong Kong's role in the Greater Bay Area, and address talent shortages through collaboration. The delegation visited seven cities to learn about Huizhou's advancements in smart industry, green energy, entrepreneurship, and environmental conservation.



October 2023

Aircraft Division

Hong Kong Airworthiness Course:

Our flagship training course helps upskill our Hong Kong aviation business partners and members.



Civil Division

Annual Dinner 2023/2024:

The Annual Dinner of the CV Division 2023/2024 was successfully held on 27 October 2023 at the JW Marriott Hong Kong Hotel. Attended by more than 500 fellow members and guests, the dinner highlighted the theme of "Power of Collaboration". The event began with a welcoming address by Ir Simon NG Pak Hung, the Chairman of the CV Division. He emphasised how the seven functional pillars of the Division—Innovation, Professional Image, Nurturing the Young, Multi-Discipline collaboration, China Connection, Engineering in Practice, and Technical Seminar/Conference—collaborated and served our Division members and fellow civil engineers. He also encouraged more participation by young engineers in various aspects of the Division.



Electrical Division

The 41st Annual Symposium of the Electrical Division:

The theme of the Symposium was "Emerging Technologies for Sustainable Development". A total of ten technical papers were presented by speakers from various engineering sectors in the Symposium, covering different aspects including new and innovative initiatives for sustainable development in the field of electrical and related engineering.



November 2023

Building Services Division

Hong Kong Joint Symposium 2023:

The Joint Symposium organised by the Division was a resounding success, attracting approximately 230 attendees. The Symposium focused on the theme “Shaping the Future: Trends and Insights for Tomorrow Technologies Development in Greater Bay Area”. It featured presentations by professionals from various disciplines, covering topics related to codes and guidance, design and research, operation and application, and maintenance and performance.



Materials Division

Technical Visit to the Production Plant of Wah Tung Façade Company Limited in Dongguan:

We visited the production lines for structural steel work, curtain wall assembly, and aluminum extrusion and panel fabrication. The speakers demonstrated their machineries, including hydraulic shearing machine, Computer Numerical Control (CNC) sheet milling machine, v-cutting machine, laser cutting machine, CNC multi-punching machine, digital bending machine, laser welding machine, and CNC profile processing centre.



Mechanical, Marine, Naval Architecture & Chemical Division

Technical Visit to Japan 2023:

A 5-day 4-night delegation focusing on mechanical engineering in Japan visited Mitsubishi Electric Wakayama and Nagasaki factories. The delegation appreciated the state-of-the-art equipment and machinery used in the creation of Variable Refrigerant Volume (VRV) systems and chiller systems, specifically the modular type air-cooled compact cube chillers.



Young Members Committee

CAFEO 41 / VEAFE030 in Indonesia:

The 41st Conference of the ASEAN Federation of Engineering Organisations (CAFEO 41), themed “Igniting ASEAN’s Blue Economy and Green Energy”, provided insights into engineering challenges and innovative solutions in the Association of Southeast Asian Nations (ASEAN) region. Discussions on the blue economy, carbon capture technologies, and sustainable architecture broadened our understanding of industry developments and global perspectives.



December 2023

Biomedical Division

The 4th Biomedical Engineering Innovation Competition “Love • Innovate for Happy Ageing”:

The competition upholds the spirit of interdisciplinary learning through STEM and aims to nurture the younger generation in developing innovative technologies and solutions to meet the emerging needs of the society due to the aging population in Hong Kong.



Civil Division

The Second Cross-Strait Hong Kong and Macao Urban Construction and Sustainable Development Science and Technology Forum:

On 14 December 2023, the Second Cross-Strait Hong Kong and Macao Urban Construction and Sustainable Development Science and Technology Forum (第二屆海峽兩岸暨港澳城市建設與持續發展科技論壇) took place simultaneously in Beijing and Macau. The Forum, centring around the theme of transportation and urban development, specifically focused on the technological challenges involved in the construction and development of urban transportation in the Cross-Strait and Hong Kong-Macau regions. The primary objectives were to explore solutions, enhance transportation strategies, gather intelligence and foster collaborative development. The CV Division took the responsibility of coordinating with the co-organisers in Beijing, Macau and Taiwan for the conference.



Environmental Division

Annual Reception 2023/2024:

The Annual Reception is one of our EV Division's most important events, aiming to facilitate our members and guests to exchange views on current environmental issues and strengthen partnership in a casual and friendly atmosphere.



Mechanical, Marine, Naval Architecture & Chemical Division

MMNC Training Course:

The topics of the MMNC training courses for Session 2023/2024 are as follows: A new impact on the performance industry—“Stage Engineer” a new cross-discipline engineer, Introduction to Thermofluid Dynamics of Two-phase Flow; Innovative Technologies and Approach to Lightning Protection for Smart Cities; Legal system in Hong Kong vs USA; International Trading; and Professional Ethics for Engineers.



January 2024

Civil Division

CVD-CEDD Joint Conference 2024:

As an exciting kick-off to the 20th Anniversary Celebration of Civil Engineering and Development Department (CEDD) in 2024, the joint conference with the CV Division was held on 24 January 2024 at the Cordis Hotel, Hong Kong, and it was a resounding success. Under the theme "Innovation and Technology: Building a Smart and Livable City," the conference brought together over 400 attendees from diverse sectors, including engineering, architecture, manufacturing, technology, developers, academia, professional bodies, and many more. The event provided a platform for these participants to exchange insights and experiences on the latest innovative technologies and their potential to contribute to the development of a smarter city.



Fire Division

Fire Engineering Training Course:

The FE Division organised a CPD training course covering six key domains of fire engineering, including fire science, fire risk management, human psychology and physiology, law, regulations and standards, active fire protection systems as well as passive fire protection systems. This course helped participants broaden their knowledge of fire engineering and stay abreast of the latest trends and technological development in the field. The course consisted of six evening lectures delivered by 13 distinguished professionals and speakers in the industry. In sum, this training course was well received by the participants with total attendance of over 500 persons for six lectures.



Gas & Energy Division

MoU Signing Ceremony with GERS and AEEMM:

This Memorandum of Understanding (MoU) was signed by the EG Division with the Guangdong Energy Research Society (GERS) of Guangdong Province and the Macao Institution of Electrical & Mechanical Engineers (AEEMM) of Macao SAR under the witness of Vice President Ir Prof Frank CHAN and the Liaison Office of the Central People's Government in the HKSAR. The aim is to jointly promote the accelerated development of new energy, green, and low-carbon technologies and industries in the Greater Bay Area.



Information Technology Division

Technical Visit to Huawei's Shenzhen Base and Dongguan Campus:

Participants learnt how the global provider of Information and Communication Technologies (ICT) infrastructure and smart devices drives digital transformation for every person, home and organisation, aiming for a fully connected, intelligent world during their visit to Huawei's Shenzhen headquarters. The visit showcased the use of cutting-edge Smart City technologies that bring about evolution all around us.



Logistics & Transportation Division

The 10th Annual Dinner:

This year's Annual Dinner held special significance as it commemorated the 10th Anniversary of our Division, providing a platform for our members and guests to exchange views and discuss the latest developments in the logistics and transportation industries. It reinforces our mission to promote and strengthen partnership within the logistics and transportation communities in Hong Kong.



Structural Division

Annual Dinner 2023/2024:

The Annual Dinner is one of the most significant events organised by the ST Division, providing a platform for distinguished guests and structural engineering professionals to foster friendship and expand their networks in an amicable environment. This year, we have the honour to invite Ir LAM Sai Hung, GBS, JP, then Secretary for Transport and Logistics of the HKSAR Government, to give us a keynote speech.



February 2024

Building Services Division

Women in Building Services Engineering Workshop – Joint Societies in Table Manner:

The Women in Building Services Engineering Workshop (WBSE) was successfully held with 60 participants joining. In addition to providing table manner training, the session featured sharing by three successful women speakers and a discussion on their remarkable journey and the challenges they faced as women engineers. These valuable insights left the participants motivated to overcome obstacles, pursue their goals, and contribute to a brighter future for women in engineering.



Gas & Energy Division

Hydrogen Development and Legislation Amendment Briefing:

A briefing was delivered by the Electrical and Mechanical Services Department (EMSD) regarding the literature review of national and international standards on hydrogen and the preparation of safety guidelines for the fuel systems of hydrogen fuel cell vehicles and hydrogen filling stations, with the aim of establishing a regulatory framework for the safe use of hydrogen as fuel in Hong Kong.



Geotechnical Division

The 29th Annual Dinner:

The 29th Annual Dinner of the GE Division was held at JW Marriott Hotel Hong Kong. With the theme “Innovate to Elevate”, the event brought together approximately 480 guests, including members, distinguished guests, and local dignitaries. It served as an excellent platform for networking and fostering connections within the industry.



Materials Division

Technical Visit to the Modular Integrated Construction and Precast Element Manufacturer (i-Box Modular Housing Limited) Production Line in Foshan:

The production line has been awarded several projects for Modular Integrated Construction (MiC) in housing construction. During the visit, the workflow construction and quality control procedure for MiC construction were introduced from steel mould preparation to window panel loading. Manufacturing, digitalisation and Building Information Modelling (BIM) were used to solve the complication processes.



Safety Specialist Committee

Site Visit at MiC project at Jat Ming Chuen:

The visit uncovered and examined the benefits of Modular Integrated Construction (MiC) in enhancing construction safety, efficiency, quality control, and environmental conservation.



Structural Division

Structural Excellence Award 2024:

The Structural Excellence Award aims to promote excellence in structural engineering through the design and construction of buildings and infrastructures, as well as through research and application.

There are six categories:

1. Residential
2. Non-Residential
3. Heritage & Special Structure
4. Infrastructures and Footbridges
5. Mainland (including Macau and Taiwan)/Overseas
6. R&D



March 2024

Aircraft Division

HKAR-183 Training Course:

The AC Division developed and administered this specialised HKAR-183 training course as requested by the Hong Kong aviation business community.



Building Division

The 21st Annual Seminar – Engineering Tomorrow: Transforming Vision into Reality:

The seminar aims at promoting engineering practices of building and construction technologies and project management. It offers a constructive platform for professionals and industry practitioners to exchange visions, experience, knowledge and innovative design, encouraging sustainable and innovative building development.



Control, Automation & Instrumentation Division

Annual Dinner 2023/2024:

Nearly 190 participants attended the event at Hong Kong Football Club. Officiating guests included Ir Prof Dong SUN, Secretary for Innovation, Technology, and Industry, and Ir Dr The Hon LO Wai Kwok, LegCo member. The event featured welcoming remarks by Ir Ray CHOI Koon Wah and an opening address by Ir Prof Louis LOCK Fat Shing. Ir Prof SUN delivered a keynote, and Ir Dr The Hon LO performed a musical piece. The event emphasised long-standing ties with Greater Bay Area counterparts and concluded with closing remarks by Ir Billy CHOW.



Electrical Division

Professional Short Course in Electrical Engineering:

The Professional Short Course 2024, with the theme “Empower a Smarter Living,” was launched in March 2024. Distinguished scholars, engineers, and industry practitioners were invited to share their extensive expertise and provide members with up-to-date and practical knowledge on various aspects of electrical systems in Hong Kong.



Electronics Division

Hong Kong Electronics Project Competition (HKEPC) 2024:

This competition aims to raise the awareness of innovation in Hong Kong and nurture engineers and students to apply technologies innovatively to improve the quality of living. Participants demonstrated high standards of technical skill and innovation. Their passion and presentations exemplified the profound impact of our electronics industry.



Information Technology Division

Technical Visit to Hong Kong Telecommunications (HKT) Integrated Security & Operation Center (iSOC):

Participants experienced how the iSOC of HKT delivers the world-class operation on HKT quad-play services: broadband, fixed telephony, mobile, and Internet Protocol television (IPTV) networks by demonstrating the philosophy, methodology, and tools applied. Visiting the exchange cable chamber allowed our participants to see the first generation of automatic telephone equipment.



Logistics & Transportation Division

Hong Kong Engineers Week 2024 – LTD Booth:

With the demonstration of robotics applications and the unwavering dedication of the team throughout the three-day Hong Kong Engineers Week, the LT Division's booth at the Carnival was a great success, attracting an estimated attendance of over 800 visitors who were captivated by the innovative technologies showcased.



Manufacturing, Industrial & Systems Division

Annual Conference 2024: Aerospace Industry & Intelligent Manufacturing in Hong Kong:

The Manufacturing Conference 2024 in Hong Kong focused on the aerospace industry and intelligent manufacturing. We invited distinguished speakers from the industry and academia to share their views on and insights into the future of intelligent manufacturing in supporting innovation, advancements in satellite technology, the development and competitiveness of Hong Kong's aerospace manufacturing industry, satellite positioning and navigation, and the use of composite, recycled, and smart materials for future aircraft.



HKIE MIS Industry Award:

The MI Division organised this "The HKIE MIS Industry Award" aiming to recognise the excellent achievements of the relevant industries in Hong Kong in enhancing their manufacturing productivity, product quality, and innovation in practical industrial contexts. Two rounds of presentations were held, and 15 different organisations (including public sectors, private companies, professional bodies, and manufacturers) shared their fruitful manufacturing projects.



Young Members Committee

Overseas Delegation 2024 to Sweden Mind-mapping Sustainable City:

The delegation had the privilege to witness groundbreaking engineering solutions that address the United Nations Sustainable Development Goals. Through site visits and engaging knowledge-sharing sessions with Swedish engineering experts in sustainable energy systems, urban planning, transportation infrastructure and circular economy models, the delegation exchanged ideas and best practices for implementing sustainable engineering solutions.



April 2024

Associate Members Committee

Fellowship Gathering:

The gathering was a success, with guests including President Ir Dr Barry LEE and Member of the Legislative Council Ir Dr The Hon LO Wai Kwok. Other guests included the HKIE's Discipline Representatives and Division Chairmen. Some Past Chairmen of AMC also joined the gathering.



Seminar on Revamping of Associate Membership:

President Ir Dr Barry LEE introduced the Council's decisions regarding revamping Associate membership and the new route to apply for Associate membership. Mr Indi WONG, Immediate Past Chairman of Associate Members Committee, then talked about the details of these topics, and the seminar concluded with a question-and-answer session.



Building Division

Delegation Visit to Yinchuan, Ningxia Hui Autonomous Region, PRC:

The Delegation visited the Yinchuan, facilitating the sharing of the latest construction industry development with the representatives from local design institutes, government departments and universities.



Environmental Division

Annual Forum:

The aim of the Forum was to discuss and share knowledge, insight, expertise and experiences on essential elements and considerations for developing new metropolises in the Greater Bay Area to achieve climate resilience and sustainability.



The Best Final-Year Environmental Project Award:

The EV Division received a total of 17 submissions from six tertiary institutions this year. All submitted papers fully demonstrated that innovative ideas, coupled with advanced technologies, are applied in engineering projects to improve our environment and solve environmental problems.



Fire Division

Annual Symposium:

The Annual Symposium 2024 of the FE Division was held on 9 April 2024 at the Hong Kong Convention and Exhibition Centre. The main theme of the Symposium this year was “Codification, Technology and Governance for Fire Engineering”. The Principal Guest of Honour, Ir Andy YEUNG Yan Kin, FSDSM, Director of Fire Services, Fire Services Department of the HKSAR Government, delivered a keynote speech at the opening ceremony. Prominent speakers from overseas, Mainland China, the Buildings Department and the Fire Services Department, were invited to present interesting technical papers, and share their valuable experiences and insights with local experts at the Symposium.



Geotechnical Division

Technical Visit to Sydney, Australia:

The GE Division’s technical visit to Sydney in 2024 aimed to enrich Hong Kong engineers’ knowledge of global practices for developing a livable, sustainable, and smart city. Participants gained insights into Sydney’s latest innovations in transportation planning, road railways construction, and underground infrastructure development that are highly relevant to Hong Kong’s upcoming infrastructure boom.



Manufacturing, Industrial & Systems Division

Gala Dinner 2024:

The Gala Dinner organised by the Division proved to be a tremendous success, hosting over 260 participants on 18 April 2024. It served as an exceptional occasion for members, guests, and industry partners to connect, network, and engage in meaningful conversations with fellow professionals, industry experts, and visionaries. The event facilitated the exchange of ideas, experiences, and expertise, enriching attendees’ knowledge and fostering collaborations that will shape the future of Hong Kong’s new industrialisation. A notable highlight was the HKIE MIS Industry Award presentation, where winners had the opportunity to share their invaluable experiences and engage in fruitful discussions with dinner attendees.



Materials Division

Technical Visit to the Public Works Laboratories Automated Testing Building in the Public Works Regional Laboratory (Sham Shui Kok):

The visit to the Public Works Laboratories provided a comprehensive and engaging experience, enlightening visitors about the application of advanced technologies in construction materials testing, such as robotic technologies, computer vision analysis and machine learning. The fully automatic processes significantly enhanced the efficiency, reliability, and occupational safety and health levels of construction materials testing.



Mechanical, Marine, Naval Architecture & Chemical Division

A Technical Visit to Hangzhou and Shanghai:

The MC Division organised a 5-day technical visit to Hangzhou and Shanghai with the support of the Institution of Mechanical Engineers (IMechE) Hong Kong Branch. The main objective was to let members in Hong Kong explore more, connect, and communicate with other engineers through technical visits.



Nuclear Division

Technical Seminar on “Medical Physics Profession in Hong Kong”:

To provide an overview of the responsibilities of medical physicists in various sub-specialties, as well as the knowledges, skills, competencies, and examination process for the certification scheme of individual medical physicists in Hong Kong.



May 2024

Building Division

Annual Dinner 2024:

The Annual Dinner has always been well-attended by academics and professionals of the building and construction industry. It has become one of the most significant occasions organised by the Division, providing an excellent platform for sharing and gathering among stakeholders in the construction industry.



Control, Automation & Instrumentation Division

Summit 23/24: We Automate, We Innovate, CAI Professionals Engineer the Future:

The Summit, held at HKMU Jockey Club Campus, attracted around 500 participants, both in-person and online. Keynote addresses and technical presentations were delivered by prominent figures from engineering, technology, and academia, including distinguished guests from the Greater Bay Area. The event featured panel discussions on aligning engineering education with new productivity standards, emphasising development of professional qualifications and vocational training. The day concluded with closing remarks expressing gratitude to all participants for their valuable contributions.



Control, Automation & Instrumentation Division (Cont.)

Technical Webinars: EV Charger Management for Smart Charging and Increasing EV Chargers to Guarantee Power Quality:

A total of 1,011 people enrolled in the webinar, with 30 attending in person at HKIE Headquarters and 700 joining virtually. Mr Alan LEUNG, Director of an electrical engineering company, emphasised the importance of EV chargers with advanced technologies for sustainable energy. Ir K W LOO, Consultant of Electrical ED & C products, power compensation and power quality, discussed Harmonics measurement on the LV network. The audience showed great interest in these topics. The event was facilitated by Ms Crystal CHAN with Ir Prof Louis LOCK Fat Shing delivering votes of thanks and presenting souvenirs to the guest speakers.



Electronics Division

Hong Kong Electronics Symposium 2024:

The Hong Kong Electronics Symposium 2024 is a one-day event with the theme "Accelerating Artificial Intelligence of Things and Digitalisation of Trusted Connected Cities". Various speakers from government, trade, and academia shared views on the latest developments in Artificial Intelligence (AI) and Internet of Things (IoT). Additionally, an inspirational panel discussion was conducted by our guest speakers.



Fire Division

Technical Delegation to Sydney:

The FE Division organised a technical delegation with 12 delegates, including young members and students, to Sydney, Australia. The visit helped deepen participants' knowledge about state-of-the-art fire engineering technology, fire safety in consideration of operation, and timber building design. The participants also had an opportunity to network with local fire professionals and engineers of the Australian Chapter in Sydney.



Gas & Energy Division

MOU Signing with Hong Kong Institute of Environmentalists and 碳市場能力建設(大灣區)服務中心:

The aim of this MOU is to strengthen the tripartite alliance's joint cooperation in formulating unified professional standards for carbon auditors and carbon emissions traders in China, Hong Kong and Macau, compiling the scope of environmental, social and corporate governance (ESG) report content, and exchanging innovative energy-saving and carbon reduction technologies.



Geotechnical Division

The 44th Annual Seminar:

The 44th Annual Seminar of the GE Division was successfully held at the Hong Kong Convention and Exhibition Centre on 31 May 2024. Under the theme “Elevating Geotechnical Excellence: Novel Practices and Innovative Solutions”, this Seminar serves as a platform for knowledge exchange, collaboration, and exploration of groundbreaking advancements in the field of geotechnical engineering.



Safety Specialist Committee

Annual Dinner 2024:

The Safety Specialist Committee's Annual Dinner is a major event, bringing together professionals and industry experts to celebrate achievements in safety engineering. Members and guests from academia and industry, along with Guest of Honour Ir Ricky LAU Chun Kit, JP, Permanent Secretary for Development (Works), networked to advance safety practices in the engineering profession.



Nuclear Division

Technical Visit to Daya Bay Nuclear Power Station:

To enhance participants' knowledge about various aspects of nuclear power generation, while fostering a better understanding of and appreciation for nuclear power among all attendees through a visit to the Nuclear Power Station, including the newly opened Daya Bay Nuclear Power Science and Technology Museum.



Structural Division

Annual Seminar 2024:

The theme of Annual Seminar 2024 is “Resilient Structures for Extreme Events”. This important event featured distinguished speakers from both overseas and local speakers from academia, as well as prominent practicing professionals. They shared their insights, experience and innovative ideas from recent research in structural engineering and its application in construction projects. The Annual Seminar promoted innovation and new technologies to drive forward productivity, efficiency, and enhanced project delivery outcomes in the construction industry.



June 2024

Electronics Division

Annual Dinner 2024:

This Annual Dinner provided an excellent opportunity to network and connect with peers. As one of our flagship social functions, the Dinner was an important staple on our calendar, bringing together stakeholders from a wide array of fields. It fosters beneficial discussions and relationships across the engineering community.



Information Technology Division

Robocon Hong Kong 2024:

Robocon Hong Kong 2024 is targeted at engineering and information technology elites from local tertiary institutions, to promote robotics, practical skills, and teamwork among our younger talents. The theme of this annual contest was Harvest Day (出類拔穗). Fourteen teams competed in the contest.



Logistics & Transportation Division

Annual Symposium 2024:

With the theme “Accelerating New Energy Transition for Transport”, we are glad to have Ir LAM Sai Hung, GBS, JP, then Secretary for Transport and Logistics, as our Guest of Honour, along with four speakers from various companies, including Bravo Holdings, Cathay Pacific Airways Limited, MTR Corporation Limited and The Hong Kong & China Gas Company Limited, at our Annual Symposium 2024. Their valuable insights and expertise added immense value to our Symposium, fostering meaningful discussions on the new energy transition in transportation sector.

