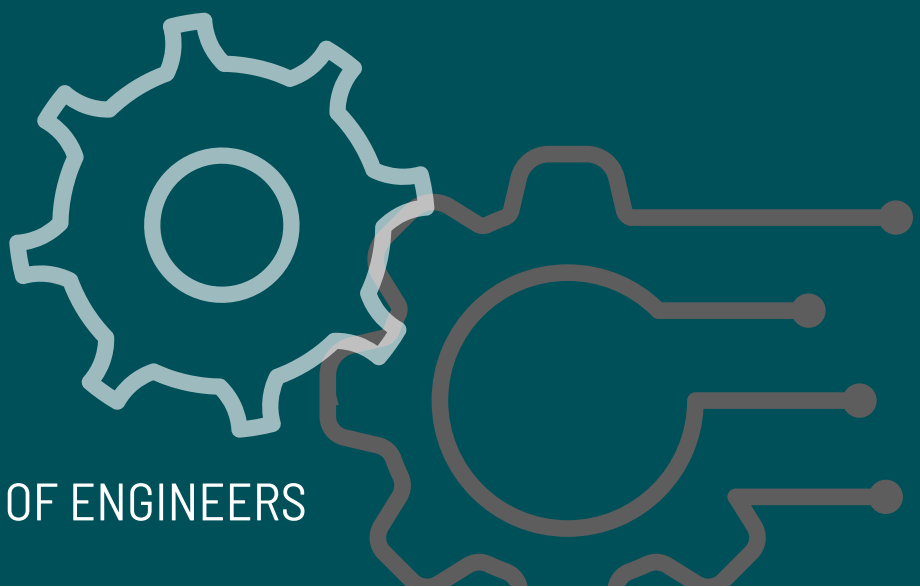


ANNUAL REPORT

SESSION 2021-2022

BE LEAD
THE THE
CHANGE



YOUNG MEMBERS COMMITTEE
THE HONG KONG INSTITUTION OF ENGINEERS

CONTENTS

-
- 1** 37th AGM Agenda
PAGE 02
-
- 2** 36th AGM Minutes
PAGE 03
-
- 3** Chairman's Message
PAGE 05
-
- 4** Highlight of 2021/2022
PAGE 06
-
- 5** The Committee 2021/2022
PAGE 07
-
- 6** Working Group Reports
PAGE 11
-
- 7** List of Activities 2021/2022
PAGE 25
-
- 8** Outstanding Helper Awards
PAGE 27
-
- 9** Best Reporter Awards
PAGE 29



37TH AGM AGENDA

THE HONG KONG INSTITUTION OF ENGINEERS YOUNG MEMBERS COMMITTEE

THE 37th Annual General Meeting for Session 2021/2022

Date: 4 July 2022 (Monday)

Time: 18:15

Venue: Level 8, The Wave, 4 Hing Yip Street, Kwun Tong, Kowloon, Hong Kong

AGENDA ITEM

1. To receive and confirm the Minutes of the 36th Annual General Meeting.
2. To receive and adopt the Annual Report of the YMC for Session 2021/2022.
3. To receive and adopt the Financial Statement of the YMC for Session 2021/2022.
4. To elect the Chairman and Committee Members of the YMC for Session 2022/2023.
5. Any other business.

36TH AGM MINUTES

The 36th Annual General Meeting

THE HONG KONG INSTITUTION OF ENGINEERS YOUNG MEMBERS COMMITTEE

Minutes of the 36th Annual General Meeting for the Session 2020/2021

Date : 9 June 2021 (Wednesday)
Time : 18:35-19:00
Venue : Atlaspace, 16/F, Tower 5, The Gateway, Harbour City, Tsim Sha Tsui, Hong Kong
Present : More than 37 members attended

The Chairman, Ir NG Hoi Ching Rachel, welcomed all participants to the Thirty-sixth Annual General Meeting of the Young Members Committee (YMC).

1. The minutes of the Thirty-fifth Annual General Meeting was confirmed and endorsed.
Proposer: Mr CHEUNG Tsz Hin Ronal Seconded: Ir MAK Chun Kwong Chris
2. The Chairman, Ir NG Hoi Ching Rachel, delivered the Annual Report for the Session 2020/2021, which was subsequently endorsed.
Proposer: Mr POON Wing Ho Vincent Seconded: Ir TANG Whai Tak
3. The Treasurer, Mr JIM Holman, presented the Financial Report for the Session 2020/2021, which was subsequently endorsed.
Proposer: Mr CHAN Tsz Ki Tommy Seconded: Mr SHAM Cheuk Kiu Ackle
4. **Ir WONG Hei Long Ken** was nominated by the Committee to be the Chairman for the Session 2021/2022 and was subsequently elected without objection.
Proposer: Ir LAI Ho Keung Stanley Seconded: Ms KAM Wing Sum Keiko
5. The following members were nominated in the election of Committee Members for the Session 2021/2022.

<i>Name</i>	<i>Discipline</i>	<i>Organisation</i>
Mr CHAN Arthur (Proposer: Ir TANG Whai Tak)	Electrical Seconded: Ir WONG Hei Long Ken)	MTR Corporation Limited
Mr CHEUNG Wing Lai Benny (Proposer: Ir NG Hoi Ching Rachel)	Electrical Seconded: Mr LAM Chun Ho Thomas)	The Hongkong Electric Company
Mr CHUNG Pun Nap Andy (Proposer: Ir LAI Ho Keung Stanley)	Civil Seconded: Mr JIM Holman)	Civil Engineering and Development Department
Mr LAM Chun Ho Thomas (Proposer: Ir NG Hoi Ching Rachel)	Chemical Seconded: Ir WONG Hei Long Ken)	CLP Power Hong Kong Limited
Mr LIANG Ki Kin Jacky (Proposer: Mr POON Wing Ho Vincent)	Electronics Seconded: Mr Cheung Tsz Hin Ronal)	Electrical and Mechanical Services Department

36TH AGM MINUTES

The 36th Annual General Meeting

Ms WAI Yi Kwan Evelyn **Environmental** **MTR Corporation Limited**
(Proposer: Ir WONG Hei Long Ken Seconded: Mr SHAM Cheuk Kiu Ackle)

Total No. of Nomination: 6

No. of Vacancies of Committee Members for Session 2021/2022: 5

As the number of nominations for Committee Members exceeded the number of vacancies, a ballot was held.

Ms FUNG Man Yui Candy and Ir CHEN Hao Ting Ambrose, Past Chairmen of YMC, were appointed as Scrutineers for the vote counting.

After voting, the following candidates were declared duly elected to be Committee Members of the YMC:-

Mr CHAN Arthur
Mr CHEUNG Wing Lai Benny
Mr LAM Chun Ho Thomas
Mr LIANG Ki Kin Jacky
Ms WAI Yi Kwan Evelyn

6. A.O.B

The Chairman expressed sincere gratitude for the support and contribution of all committee members and helpers in the Session.

Ir TANG Whai Tak proposed a vote of thanks for the outgoing Chairman, Ir NG Hoi Ching Rachel, for her leadership in the Session.

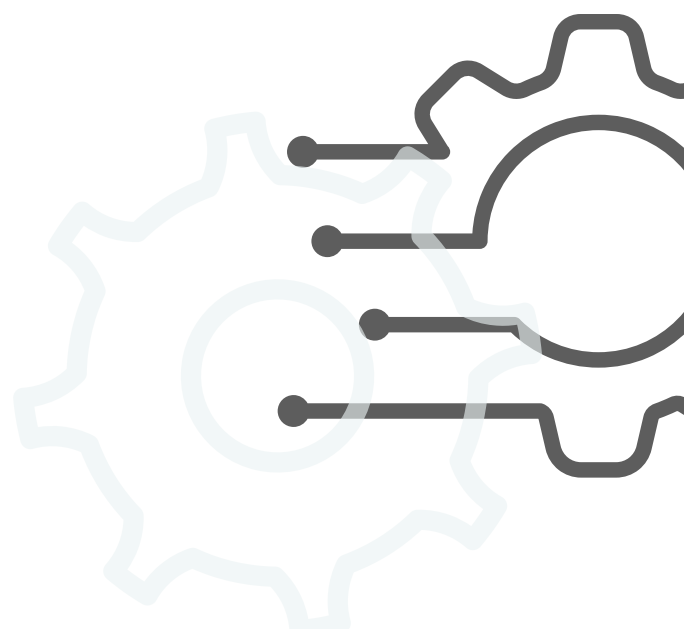
There being no other business, the Meeting was adjourned at 19:00.

Recorded by:

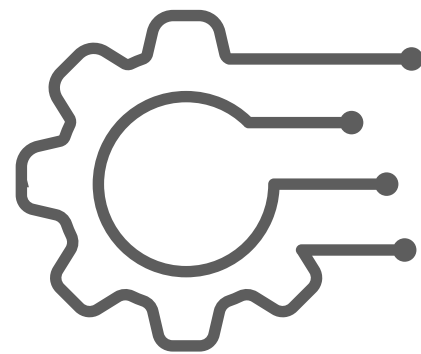


Mr LAM Chun Ho Thomas
Honorary Secretary (2020/2021)
Young Members Committee
The Hong Kong Institution of Engineers

Date: 9 June 2021



CHAIRMAN'S MESSAGE



“Be the Change. Lead the Change.”

Ir Ken WONG Hei Long
Chairman, Session 2021/22
Young Members Committee
the Hong Kong Institution of Engineers

The HKIE-YMC, established in 1985, aims at serving the need of young members and nurture young engineers to become future leaders in the engineering industry and society. Coming to its 37th year, I had set the theme “Be the Change, Lead the Change” for Session 2021/2022, aiming at encouraging young members to equip themselves be the leaders to bring about changes to the workplace and industry.

With the improving pandemic situation at the beginning of the first half of the Session, we started to provide face-to-face events to our members. To echo with the theme, we organized a wide range of seminars and visits to equip young members with fundamental skills and innovative minds including leadership and teamwork.

Unfortunately, the outbreak of the 5th wave of COVID-19 hits Hong Kong in the middle of the session. We were unable to travel overseas to make delegation trips. Thanks to the effort of Committee Members, we changed the physical events to virtual mode, while organizing diversified webinars and online workshops during the period, from technical seminars, virtual cultural tours and non-technical workshops on writing and presentation skills.

To maintain the connections with the international institutions, we formed a team to participate in the Conference of ASEAN

Federation of Engineering Organisations in virtual format. Apart from attending the meetings and webinars to exchange views on the engineering solutions to global climate change, with the aid of technology, we organized a networking session to connect with our fellow engineers.

I would like to express my heartfelt thanks to our Committee Members and helpers who had spent a lot of effort and time in organizing numerous and diverse events throughout the year. Only with their support and teamwork, YMC can thrive in challenging times and keep on providing high-quality events to our young members. Also, a special thanks to Advisor Ir Eric Ma, Coopted Members from Council Ir Chris Lee and Ir Kelvin Tang, who spent tremendous effort in providing guidance and support to the YMC. It is my honour to serve the YMC and the young members in the past few years which give me a lot of unforgettable memories. To end, I would like to give my best wishes for the coming fruitful session.

HIGHLIGHT OF 2021-22

CAFE0 39 / YEAFEO 28

To broaden horizons in the engineering profession and establish a long-term partnership with young engineers from other countries, six young engineers form a team and attended the 39th Conference of the Association of Southeast Asia Nations Federation of Engineering Organisations (CAFE0) in conjunction with the 28th Meeting of Young Engineering Organisations (YEAFEO) during 30 November 2021 to 3 December 2021.



Due to the outbreak of COVID-19, the team could not fly to Brunei to join the event physically and joined activities via online mode. This year, CAFE0 set the theme "Engineering and Climate Change" for the conference and participants will discuss the contributions of engineers in combating global climate change.

Country report session the team took the chance to share with the fellow young engineers the climate change challenges faced by Hong Kong, introduce the Climate Action Plan 2030+ adopted and highlighted the changes in the strategies and targets for combating climate change and achieving carbon neutrality under the latest Climate Action Plan 2050.

Being one of the observers, the team was invited to attend the YEAFEO Governing Board Meeting. In the Board Meeting, they discussed the regulation amendment, newsletter, webpage update, and the review of the registration fee for the coming YEAFEO.

Under the conference theme, diversified webinars were organized. The team attended different seminars to appreciate the latest

development in several areas, including energy consumption women and engineering entrepreneurship. Apart from the webinars, a Dialogue Session is set for young engineers to discuss through sharing various regional projects around the environment and climate change. Through the session, the team shared insights on the role of young engineers in addressing climate change and the latest bridge-cum-water gate design in Thailand in mitigating the risk of flooding.

The pandemic and physical boundaries did not limit our eagerness and proactiveness in connecting with young engineers joining YEAFEO. The team initiated a virtual networking session with young engineers, aiming to maintain relationships with young engineers and expand the network with participants from different countries. Through the ice-breaking time and interactive games, the participants enjoyed themselves sharing their bits and pieces at work and new lives during pandemic times.

This event gives young engineers a good chance to widen their horizons and extend the YMC's network. We hope that we could participate physically in the conference in Cambodia next year.





Ir Ken WONG Hei Long

Chairman



Ir Rachel NG Hoi Ching

Immediate Past Chairman



Mr Thomas LAM Chun Ho

Deputy Chairman



Ms Evelyn WAI Yi Kwan

Honorary Secretary



Ir Stanley LAI Ho Keung

Honorary Treasurer



Ir TANG Whai Tak

Observer
Past Chairman



Ir Ambrose CHEN Hao Ting

Observer
Past Chairman



Mr Arthur CHAN

Committee Member
(Visits Group)



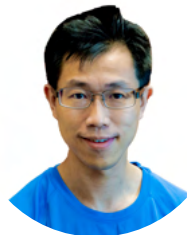
Mr Tommy CHAN Tsz Ki

Committee Member
(Non-technical Programme)



Ms Eileen CHENG Yuk Hung

Committee Member
(Webmaster Group)



Ir CHEUNG Tin King

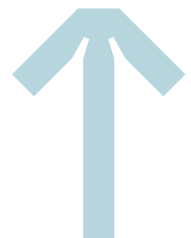
Committee Member
(Community Services Group)



Mr Benny CHEUNG Wing Lai

Committee Member
(Seminars Group)

THE COMMITTEE SESSION 2021/2022





Mr Holman JIM

Committee Member
(Publicity Group)



Ms Keiko KAM Wing Sum

Committee Member
(Public Relations Group)



Mr Jacky LIANG Ki Kin

Committee Member
(Graduates Promotion Group)



Ir Chris MAK Chun Kwong

Committee Member
(Social, Cultural & Arts Group)



Mr Vincent POON Wing Ho

Committee Member
(Human Resources Group)



Mr Ackle SHAM Cheuk Kiu

Committee Member
(Students Promotion Group)



Mr Ronal CHEUNG Tsz Hin

Co-opted Member
(Sports and Recreation Group)



Mr Andy CHUNG Pun Nap

Co-opted Member
(Visits Group)



Ms Carmen LAM Ka Man

Co-opted Member
(Students Promotion Group)



Ms Daphne CHAN Wai Man

Event Coordinator
(Human Resources Group)



Mr Jacky CHEUNG Ho Ming

Event Coordinator
(Publicity Group)



Mr Ferris POON

Event Coordinator
(Public Relations Group)



Ms Cindy TSANG Mei Wai

Event Coordinator
(Seminars Group)



Ir Eric MA Siu Cheung

Advisor
HKIE Vice President
(Chairman of Learned Society Board)



Ir Chris LEE Tsz Leung

Co-opted Member from Council



Ir Kelvin TANG Sher Kin

Co-opted Member from Council



HKU

Young Members
青年會員事務



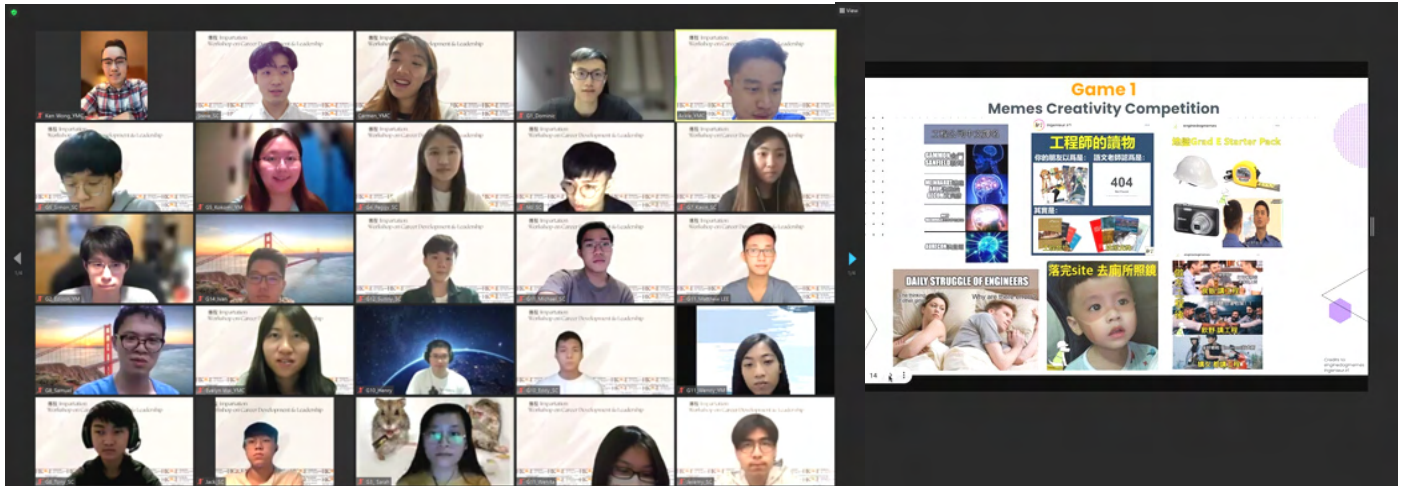
THE HONG KONG
INSTITUTION OF ENGINEERS
香港工程師學會

Committee
委員會



STUDENTS PROMOTION GROUP

by Ackle SHAM & Carmen LAM



Students Promotion Group (SPG) was established to maintain a close bonding with the HKIE Student Chapters (SCs) to provide students with information on their career prospects in engineering.

In this year, SPG organized a signature event "Workshop on Career Development and Leadership - Impartation" which was co-organized with SCs, on 27/3/2022. This event provided a platform for the students and young engineers to gather and expand their social networking, bringing more insights for the participants to plan their careers. There were 80 participants including young engineers and students attended the workshop. The event included ice-breaking, tailor-made games, and leadership coaching sessions. In the tailor-made games, we intergraded the traditional game 'draw something' with the engineering field, another game was the 'meme' design competition on the topic of engineering culture. Participants were encouraged to share their opinions while enriching their mindset to get prepared before joining the workplace through the fruitful discussion and inspiring presentation. An experienced external trainer was invited to provide leadership training to our participants in the last part.

It was our pleasure to support and work with SCs on their Joint Student Chapter (JSC) events for example the Joint Student Chapter Competition 2022. SCs demonstrated their ability to work, design and organise activities for bridging the gap between professional engineers and students. In addition, SCs have shown their passion and appeal by promoting and encouraging student members to join and assist in HKIE's events. SPG will continue to take the chance to support SCs in their on-campus work to broaden students' horizons in the engineering profession and enhance their sense of belonging to the HKIE. It is essential to establish such a platform between engineers and younger generations to exchange insights for career development, nurture future leaders in the field and promote the HKIE.

We would like to take this opportunity to express our gratitude to student chapters and our collaborating partners for their kind support of our events. Last but not least, we would like to thank all SPG helpers for their outstanding contributions.

Our GRADUATES PROMOTION GROUP

by Jacky LIANG

Despite the COVID-19 pandemic, the Graduates Promotion Group (GPG) endeavoured to organise a series of workshops and webinars so as to help our graduate members to equip themselves with better career planning and get well prepared for the professional assessment.

Writing and presentation are the fundamental and essential tools for engineers to express their ideas, thoughts and experiences of work. Although it is a crucial part of the professional assessment, many young engineers may have difficulties with it. Therefore, we have held workshops for young engineers to learn and practice their writing and presentation skills. In addition, members could gain more insights about both interview and essay writing assessments for the Professional Assessment.



Based on the continued success of the “Young or Ready Series” event, we were honoured to jointly organise 6 seminars with 7 Divisions in this session, including Building Services Division, Civil Division, Control, Automation & Instrumentation Division, Electrical Division, Electronics Division, Environmental Division, and Mechanical, Marine, Naval Architecture & Chemical Division. Not only was this event aimed to provide the latest information and noteworthy insights of the Competence-based Professional Assessment, but also it was a platform for our young engineers to raise inquiries to the experienced assessors of the disciplines.

Last but not least, GPG would like to express our sincere gratitude to all the speakers, helpers and participants for their help and support during this session. Only with their countless effort, we were able to accomplish the aims and events successfully in the past difficult days.

by Benny CHEUNG & Cindy TSANG

Under the pandemic, the seminar group remains our aim to invite experts in diversified fields, sharing their experiences and good practices virtually. Our seminars widened our members' exposure to the latest technologies and industrial development, and also gained professional support through the online discussion.



CANTONESE AUTOMATIC SPEECH RECOGNITION & NATURAL LANGUAGE PROCESSING

Innovation – it's one of the most vital concepts. It helps resolve critical issues and improve our living standards. Webinar on Automatic Speech Recognition (ASR) and Natural Language Processing (NLP) delivered by Fanolab explained the use of Artificial Intelligence (AI) and deep machine learning algorithm in building barrier-free communications between machines and human beings. The Natural Language Processing technology can understand and analyze mixed languages and widely use for automatic Q&A, text analysis, knowledge map and emotion analysis.



APPLICATIONS OF AI, IOT AND 5G IN CONSTRUCTION SAFETY MANAGEMENT

Apart from effective communication, technological innovations also applies in safety, which is always the top priority for construction projects. Webinar delivered by ViAct demonstrated the application of automate construction monitoring, scenario-based AI monitoring, AI-based data transforming and advanced AI analysis platform in daily construction projects of Hong Kong.

Despite high efficiency offers by technological advancement, it leads to the



CYBER SECURITY IN OPERATION TECHNOLOGY AND IOT

risks of data leakage, hijacking, stolen identities and corruption of software. Webinar on cyber security allow engineers to familiarize with the effective control measures by including example cases of cyber attacks, challenges and risks of implementing operation technology and IoT, well adopted practices of cyber defense, and operational methods of implementing cyber security practices in corporate level.



INDOOR AIR QUALITY AGAINST COVID-19

The fifth wave of the COVID-19 outbreak alerted us again to the indoor ventilation issue. As an engineer, it is important for us to realize the role of ventilation in preventing COVID-19 widespread. Our guest speaker Ir Dr. Mui Kwok Wai, Horace explained the indoor bioaerosol transportation mechanism, requirements of air exchange, suggestions on spatial arrangements at the dine-in premises, households and hospitals, and his research projects findings.

ROTATIONAL BRIDGE LAUNCHING METHOD AT "THE YOHO HUB"

Sanfield and MTR attempted to extend the transportation network by linking up the old town to the newly developed area in Yuen Long. A passenger bridge and a vehicular bridge were designed to connect "Yoho Hub" to the existing Yuen Long MTR station. To alleviate potential disruptions to the daily operation of Light Rail, West Rail and public transport adjacent to the site, the "Rotational Bridge Launching Method" was adopted. The biggest challenge was to complete a rapid and safe erection in an extremely congested construction site and not once, but twice for the two permanent bridges respectively. In which, rotation and lowering of the 2 bridges were carefully operating on top of high voltage (750V DC) overhead cables, without inducing any impact on the operation of light rails, transit trails and access to Yuen Long MTR station.





NON-TECHNICAL PROGRAMME GROUP

By Tommy CHAN

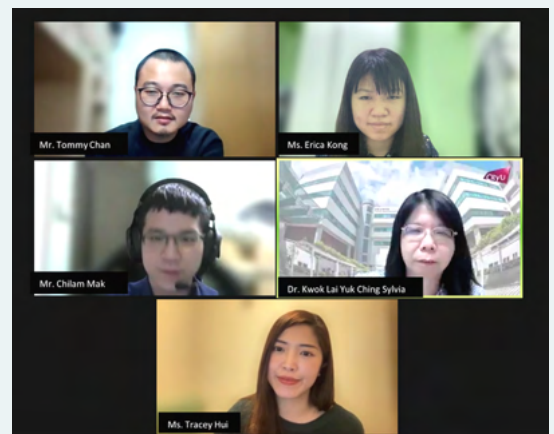
NPG continued to organize activities on general topics, such as personal development, managerial skills and mindset training. We have actively organized and participated in various events with the members. During the events, we promoted HKIE and YMC to the members.

With the support from Continuing Professional Development Committee (CPDC), the Workshop on problem solving was organized successfully. Participants learned the techniques and ways to shift perspective in problem solving, as well as obstacles in making rational decisions. The workshop was insightful and practical for all participants in developing and applying problem-solving and decision-making skills in their daily life.



On the other hand, NPG has organized seminars on Colon Health and Mental Health to share with our members the health tips. A workshop on positive education (PERMA & CS) introduced the importance of a positive mindset and how to develop a flourishing life from a psychological perspective. Besides, a workshop on financial management was arranged for developing the basic knowledge of financial planning and management. Those activities would help the young engineers to have an all-around development.

In the coming year, NPG will continue to provide opportunities for young engineers to learn professions other than engineering and lead to quality career outcomes. Lastly, NPG would like to take this opportunity to express our sincere thanks to all participants for the support of our events. Last but not least, we would like to express our gratitude to all helpers for their outstanding contributions.



Our VISITS GROUP

by Arthur CHAN & Andy CHUNG

The Visit Group (VG) of YMC has always been devoted to providing quality technical visits to young members from different engineering disciplines. Continuing from the triumph of former sessions, VG this year has successfully organised numerous visits that covered a wide range of heated engineering topics.

Keeping up with the current infrastructure developments in Hong Kong, different mega projects were visited, including the construction of Cross Bay Link in Tseung Kwan O, the Reclamation in Tung Chung East, the development of Kai Tak Sports Park, etc. During these visits, young engineers understood the construction challenges in detail, and were allowed to learn about the considerations and decisions made to overcome them, such as the DfMA process and the on-site IoT application.



To explore the innovative technologies that help to shape a better future for the next generation, guided tours to facilities such as the Tseung Kwan O Desalination Plant and the Shek Wu Hui Effluent Treatment Plant were held. During the tours, participants were able to closely study the facilities, so as to investigate how ingenious principles such as AI or blockchain could be practically applied to solving problems in the engineering or project management field.



In order to learn about how engineering influences culture and vice versa, technical visits to the Tin Hau Temple, Cha Kwo Ling and Central Market were organised. In the temple, participants witnessed the brilliant use of new technologies along with its traditional design, including various topics such as its choice of construction material and its rain-proof roof top made of porcelain. In the newly renovated Central Market, young engineers understood its overall structural enhancement for prolonging the longevity of the building. It is always encouraging to see the synergy between old legacies and new technologies in building preservation.



Despite facing several challenges posed by the pandemic, VG has endeavoured to hold an array of visits and has received positive feedback from the participants. It is VG's mission to arouse young members' attention to the development within the industry, and more importantly, to stimulate their ideas while enriching their knowledge. VG will continue to bear its mission and organise more interesting and fruitful visits in the coming future.

Our Memories





COMMUNITY SERVICES GROUP

by Ir King CHEUNG

Engineers have hearts to contribute and we build up the society. Beyond that, young engineers also always seeking a further way to contribute to society.

Despite the difficult situation suffered by Hong Kong due to the widespread of Omicron Variants, we continuously deliver love and care to a wide spectrum of people in need within the COVID-19 situation, covering the kids from low-income families, visual disabilities and the elderly who live alone.

We care for the children. Upkeeping our successful collaboration between the YMC and the Boys' and Girls' Clubs Association of Hong Kong (BGCA), we entered into the second year of the growing partners project HKIE-PMC Mentorship Scheme. The scheme provided mentorship to children or juveniles from low-income families who needed guidance for their future. Our mentors had formed a trusting relationship and strong bonding with the mentee. There were activities on career planning and self-understanding. To assist the mentee in exploring engineering fields, CSG co-organised with BGCA on visiting the E-playground, Hong Kong's first power engineering, energy, and environment-themed outdoor playground. The children experienced the power journey with the guidance of their mentor through a variety of engaging interactive games.



We care for the disabilities. We focused on the visually impaired. To help them this year. To help them, we learned the audio-description skill from the Hong Kong Blind Union, a skill to translate the visual information into words. We brought the visually impaired to the tour of the M+ museum. We became their eye, reconstructing the visual world with colour for them.

We care for the elderly. We understood that during the covid, the community centres and related activities are suspended and the elderly who live alone might feel much loneliness. This year, we continued corporated with the Yang Memorial Methodist Social Service, we visited the elderly during the Mid-autumn Festival and the Dragon Boat Festival. We delivered gift packs with festival foods such as moon cake and Zongzi to their home, together with our love and care.

Finally, I would like to thank all CSG helpers for their kind support and contribution to the CSG. We will continue to organise more meaningful and interesting events for our young engineers to learn, to have fun and most importantly, to contribute to our society.



We serve the Community.





PUBLIC RELATIONS GROUP

by Keiko KAM & Ferris POON

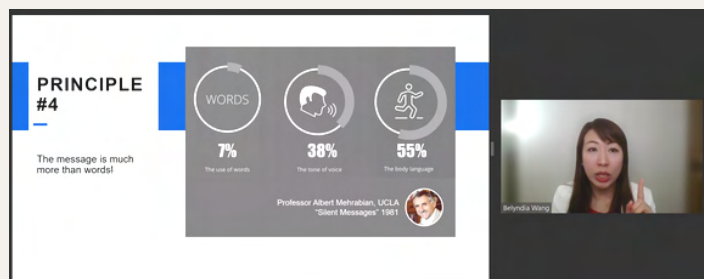
The Public Relations Group (PRG) continues to enhance the linkage between YMC and other professional institutions and expand the public relations knowledge of our young engineers. We forged new bonds and strengthened present ones through exciting collaborations and meaningful events.

The session kicked off with our annual flagship event – the Joint Society Christmas Party, which was jointly organized by the YMC and seven other engineering societies. Under the theme ‘Squid Game’, over 100 participants from various societies enjoyed the night with fun games and fruitful interactions.

Besides networking activities, the PRG organized different workshops to equip our members with the latest media tools for engaging stakeholders in professional development. The Workshop on Digital Marketing provides insights on useful tools and directions for individuals to be involved in digital marketing. Participants exchanged ideas on experiences of digital marketing engagement through case studies and research.



All-round Development



To pursue success in public relations, engineers not only have to load themselves with technical knowledge, but they also have to build up professional images and be prepared to engage in various business occasions. Two workshops namely Workshop on Business Networking Skills – Polished Professional Inside and Out and Workshop on Public Relations – Facing the Public were held to provide business etiquette basics and strengthen skills of business networking in building up first impressions. Through practical sessions of greetings and conversations, participants were equipped with the know-how to present at their bests as professional engineers.



The blast was followed by a series of joint activities, including workshops and networking events. Set against the backdrop of the global pandemic, environmental, social and governance (ESG) has emerged as a hot topic as organizations and governments alike focus on a green recovery. The workshop, jointly organized with the Hong Kong Institute of Certified Public Accountants (HKICPA) introduced the big picture driving ESG performance in companies, and how these trends are impacting engineering-related companies, their business direction, and daily operations, as well as the role of engineers and accountants in this rapidly growing field.



With the coalition of all young engineers and professionals, PRG will become a livelier and more dynamic environment to continue providing our members an excellent platform to extend their network and broaden their views.

SPORTS & RECREATION GROUP

by Ronal CHEUNG

Under the dynamic COVID-19 situation, the Sports and Recreation Group (SRG) still act as an important role to bring our Registered Young Members (RYMs) a wide variety of sports and recreational activities. In this session, SRG aims to raise the interest in sports, promote work-life balance and strengthen the bonding among the committee members and RYMs.



Yoga Series

Yoga is a popular exercise that focuses on breathing, strength, and flexibility. Practicing yoga may provide many physical and mental health benefits. Engineers usually work in a stressful environment due to heavy workloads. To relax the stress, having a great yoga time can release the pressure and achieve better health for both physical and mental health. This yoga is beginner-friendly to raise the interest in yoga.



E-sports

YMC individual participants paid their efforts to achieve good results, while the teams discussed their planning prior to the competitions. Through the planning, team members did a blossoming discussion and ideas were exchanged. Team spirit was built up among the team members, strategies were implemented to accomplish the pre-set goals. YMC achieved winner in Individual E-Basketball and Individual E-Skiing, 1st runner-up in Organisations Boys E-Racing, 2nd runner-up in Individual E-Boxing and 3rd runner-up in Organisations Mixed E-Racing.



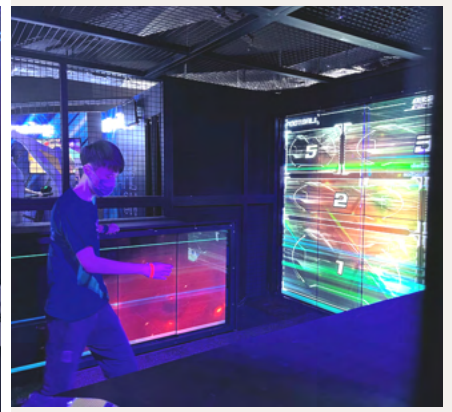
Group Sense Development

A virtual room escaping game on Zoom. All the teams worked collaboratively to solve a number of detective riddles and puzzles, and go through all the concerns of the "room", even paintings and music notes to find every piece of possible clues. All of the participants enjoyed the room escaping game and successfully deduced the password to "escape the room".



Relaxing & Healthy

Our Memories





SOCIAL, CULTURAL & ARTS GROUP

by Ir Chris MAK

COVID-19 kept its existence during the session of 2021-222, it affected networking events, our social distance, and our daily life (such as food shortage/ no dining time after 6 pm at some period). However, the pandemic didn't stop our young engineers from participating the events held by social, culture and arts group this year! And this year, we made some breakthroughs in scheduling the events, such as holding the French cooking class and Online cultural tour during the 5th wave of COVID-19.

"Cultural Tour – Heritage Visit and Art Jamming at Cattle Depot" was focused on understanding the history of Cattle Depot when Hong Kong was in British Colony. The traditional red brick buildings brought us back to the early age of the 1910s and carried us back to the modern age when they were revitalized into Cattle Depot Arts Village in 2001. Participants enjoyed both the guided tour and the art jamming event.



It was such a happy day to join the "French Cooking Class" at Kowloon Bay with our beloved members. It was a successful event to shorten the distance among the participants through cooking. The funny cooking event increased the co-operation and networking skills of all participants and its definitely the vision of social, culture and art group. Cooking getting us together!



"Natural Exploration – Secret Tour to WWF Island House" was such remarkable as young engineers acquired the chance to visit the heritage, which was the residence for the first British Police Magistrate and Sir David Akers-Jones (former British colonial administrator), located near Tolo Harbor over a hundred years. The heritage is now transformed into WWF Island House conservation studies centre. Not only enjoying the guided local tour to Island House by WWF staff, but also participants could enjoy an English afternoon tea in English Garden and Eco plant workshop to appreciate the natural habitat of Tai Po.



"Cultural Tour- The Past and Present of Ma Wan Chung" was one of our breakthrough events this year as it was held during the 5th wave of COVID-19. SCAG provided meaningful events to members under the circumstance of great challenges under the COVID-19. As such, we negotiated with the service providers to see the possibilities of an online cultural tour. The virtual cultural tour was conducted successfully and around 50 members attended the online session to understand the cultural history of Tung Chung.

We believe the mentioned events increased the concentric force between RYM and YMC. We are looking forward to seeing the increase in communication between members as well as your participation in the future.

by Holman JIM & Jacky CHEUNG

Being a newly established working group, the Publicity Group aims at engaging RYM's through social media platforms and transferring publicity knowledge and skills to committee members and helpers.

In this session, a number of social media posts were prepared to promote and attract our members to participate in activities organized by different working groups. Post-event highlights were also published on our social media platforms to share our knowledge and excitement with social media users.

Apart from event-related social media posts, to attract more social media users to 'follow' and 'like' our social media pages, a series of non-event posts were published. For example, the UNSDG series highlighted the 17 Sustainable Development Goals as established by the United Nations. Interesting facts and statistics in Hong Kong were gathered and possible solutions which can be provided by the engineering sector were also discussed.



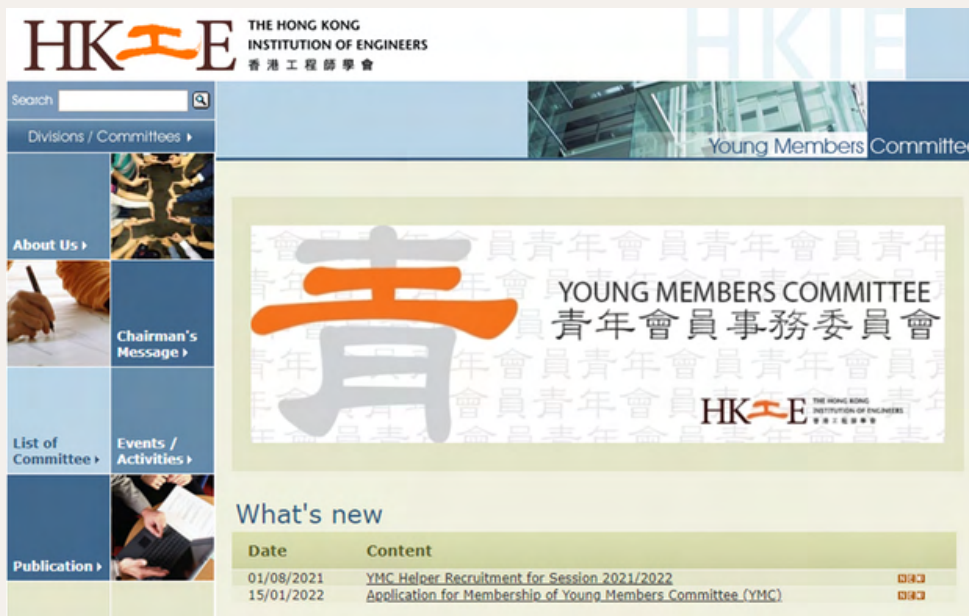
To transfer and enhance our publicity knowledge, the Publicity Group organized a few video editing workshop where experienced helpers shared their skills and tips on video editing. Participants had the opportunities to edit simple video clips through common video editing software with the addition of animations, filters and effects. Participants reflected that the video editing skills would be useful for event promotion and highlights.

To conclude, in this session, the Publicity Group successfully strengthened the bonding between RYM's and YMC, and provided knowledgeable information through our social media platforms. It is foreseeable that social media platforms will continue to be one of the YMC's key platforms delivering information to our RYM's. Let's stay tuned with us!

by Eileen CHENG

Webmaster Group (WMG) aims to keep our Registered Young Members updated on YMC's latest development by broadcasting and promoting the activities organized by and supported by YMC through different channels.

Following the previous session's great success in providing uninterrupted activities to young members, YMC continued to organize various events including seminars, webinars, visits and workshops for our young members under the COVID-19. In order to provide convenient means for young members to gain access to details of events organized by YMC and other HKIE divisions/committees, WMG took an active role in updating and maintaining the YMC Homepage (<http://ymc.hkie.org.hk/>) with the latest upcoming activities



Members can also get regular updates regarding the latest events from notifications via the HKIE eNewsletters system. Event highlights and reports would then be published in the "Hong Kong Engineer" (HKIE Journal). To allow young members to be engaged in the great variety of activities provided by YMC, WMG will continue the best to deliver up-to-date information for members to partake in and enjoy HKIE-YMC's events.

Our

HUMAN RESOURCES GROUP

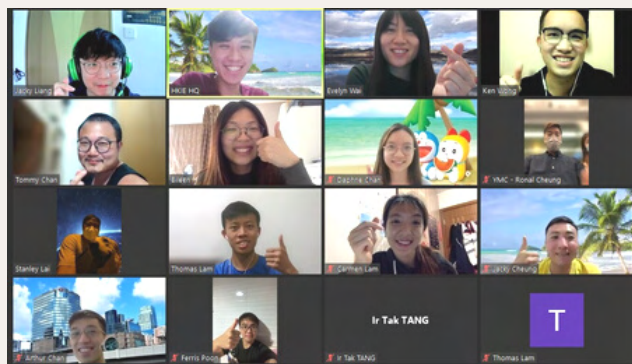
by Vincent POON & Daphne CHAN

Human Resource Group (HRG) aims to build up a communication channel between young members and the YMC, as well as recruit the new RYM into our YMC family. To gather with a group of passionate and talented young engineers, HRG keeps linking up various programs for every young member and YMC Committee in whole session.

At the beginning of the session, HRG organised the helper orientation day to welcome all passionate helpers. YMC is an interdisciplinary committee. It allowed all young members from various engineering disciplines to communicate and exchange. This event could also provide a platform to let young members understand the coming plans of YMC. All helpers and committee members actively shared their work and life experience during the games. All of them enjoyed this welcoming session.

Apart from the young member welcoming session, HRG focused on the personal development of the Committee. A well-organised event requires comprehensive coordination and communication. These are related to teamwork. Hence, we organised numerous times of team-building events to strengthen our committee bonding, such as Zoom communication tasks, Dinner with HKIE officers and Christmas party gathering.

YMC acts as a bridge to connect all young members and the institution. The voice of young engineers is of the greatest value in our Committee. Therefore, your participation is indispensable. We welcome all passionate young members to be the helpers in our YMC family. The application opens to all young members year-round. You may become part of our committee members someday too. Please do register on our homepage. We will refer your preference to the designated working group(s). See you in the coming session of YMC!



LIST OF ACTIVITIES 2021/2022

Date	Event	Co-organiser(s)	Speaker(s)/Guest(s)
28/07/2021	Webinar on the Secret of Tesla Battery Technology	-	Ms. Tania WONG; Mr. Marco LEUNG; Mr. Adrian WONG; Mr. Alvin CHAN
07/08/2021	Technical Visit to Cross Bay Link	-	-
14/08/2021	Technical Visit to Central Market	-	-
23/08/2021	Webinar on Digital Twin Application in Production Chain & Process Improvement	-	Dr. Xiaozhou YUAN ; Mr. Thomas DEBRUYNE
04/09/2021	Technical Visit to Shek Wu Hui Sewage Treatment Works	-	Ir Cherry YAU; Ir P W CHANG; Ir Eddie LAM
11/09/2021	Mid-Autumn Elderly Visit (同心關懷賀中秋)	Yang Memorial Methodist Social Service	-
26/09/2021	Helper Orientation Day	-	-
02/10/2021	Workshop on Digital Marketing	-	Mr. Ivan LAM; Mr. Jimmi LO
03/10/2021	Yoga Series	-	-
16/10/2021	Technical Visit to Tin Hau Temple, Cha Kwo Ling	-	Ir Whai Tak TANG
23/10/2021	Technical Visit to Tung Chung East Reclamation Project and InnoTCE	-	Ir Chris CHEUNG
30/10/2021	Cultural Tour – Heritage Visit and Art Jamming at Cattle Depot (牛棚深度遊)	CPDC	-
10/11/2021	Seminar on Applications of AI, IoT and 5G in Construction Safety Management	-	Mr. Hugo CHEUK
22/11/2021	Young or Ready Series – A Route to become a Professional Mechanical Engineer	MMNC Division	Ir Chun Kit TAM
24/11/2021	Construction Industry E-Sport Games 2021	-	-
26/11/2021	Webinar on Cantonese Automatic Speech Recognition (ASR) and Natural Language Processing (NLP)	-	Dr. Albert LAM
27/11/2021	Workshop on Professional Writing	CPDC	Ir Anthony KF CHOW
27/11/2021	Workshop on Business Networking Skills – Polished Professional Inside and Out	CPDC	Ms. Patrizia YEUNG
28/11/2021	French Cooking Class (Quiche Lorraine 法式 鹹派)	-	-
04/12/2021	Technical Visit to Kai Tak Sports Park	-	Dr. Calvin SIU; Ir Bob LAU; Ir Eric LAU

Date	Event	Co-organisier(s)	Speaker(s)/Guest(s)
09/12/2021	Webinar on Understanding Your Mental Health	-	Ms. Ruby TO
10/12/2021	Joint Society Christmas Party 2021	AES-YES, ASCE, ASHRAEYMC, CIPHE, IET-YMS, and IMechE-YMS	-
18/12/2021	Technical Visit to Tseung Kwan O Desalination Plant	-	Ir Shirley CHENG
19/12/2021	Natural Exploration – Secret Tour to WWF Island House & Garden with Eco-plant Workshop	CPDC	-
14/01/2022	Young or Ready Series – A Route to become a Professional Building Services Engineer	BS Division	Ir Raymond TAM; Ir K F YEE
26/01/2022	Webinar on Rotational Bridge Launching Method at "The Yoho Hub"	-	Mr. David YIP
28/01/2022	Young or Ready Series – A Route to become a Professional Electrical Engineer	EL Divison	Ir Dr. Wai Chau LO
11/02/2022	Workshop on Problem Solving	CPDC	Dr. Kwok Wai KONG
17/02/2022	Webinar on Eating for a Healthy Colon	-	Ms. Denise LUK; Dr. Ernest LI
24/02/2022	Group Sense Development	CPDC	-
28/02/2022	Workshop on Public Relations – Facing the Public	CPDC	Ms. Belyndia WANG
12/03/2022	Workshop on Presentation Skills	CPDC	Dr. Kwok Wai KONG
20/03/2022	Cultural Tour –The Past and Present of Ma Wan Chung (看馬灣涌的前世今生)	CPDC	-
25/03/2022	Workshop on 6 Ways to a Flourishing Life – PERMA + CS	-	Dr. Sylvia KWOK LAI & Ms. Tracy HUI
25/03/2022	Young or Ready Series – A Route to Become a Professional Engineer	CA and EN Divisions	Ir Terrance LAI
27/03/2022	Workshop on Career Development and Leadership – Impartation	CPDC and Student Chapters	Ms. Eliza CHAN
13/04/2022	Webinar on Do's and Don'ts of Money Management	-	Ms. Vicky LAU
27/04/2022	Webinar on "Indoor Air Quality against COVID-19"	-	Ir Dr. Horace MUI
20/05/2022	Joint webinar on ESG for young accountants and young engineers	HKICPA-YMC	Mr. Ivan TONG; Mr. Justin CHEUNG
21/05/2022	Tuen Ng Festival Elderly Visit (端陽暖萬心)	Yang Memorial Methodist Social Service	-
23/05/2022	Webinar on "Cyber security in Operation Technology and IoT (Dekra)" (Dekra)	-	Mr. Simon FAN
23/05/2022 & 01/06/2022	YMC Information Session	-	Mr. Thomas LAM
22/06/2022	Webinar on The ABC of Investing	-	Mr. Nelson HUI
22/06/2022	HKIE-YMC Singing Contest (YMC 聲生不息)	-	-
25/06/2022	Infographic Design Workshop	-	-

OUTSTANDING HELPER AWARDS

AWARDEE	COMPANY
• Mr. Chan Chi Kin, Edward	CLP Power Hong Kong Limited
• Ms. Chan Yee Jing, Joyce	Ove Arup & Partners Hong Kong Limited
• Mr. Cheng Wing Hei, Xavier	Ove Arup & Partners Hong Kong Limited
• Mr. Cheng Yu Tin, Justin	CLP Power Hong Kong Limited
• Ms. Ho Yuen Shun, Gloria	The University of Hong Kong
• Mr. Hung Shun Him, Himmy	CLP Power Hong Kong Limited
• Ms. Kong Tsz Ching, Erica	CLP Power Hong Kong Limited
• Ms. Koo Man Yan, Ivy	CLP Power Hong Kong Limited
• Mr. Kwok Chun Hin, Henry	The Hong Kong Electric Company
• Ms. Lai Wai Yan, Janice	Water Supplies Department, HKSARG
• Mr. Lam Kwan Ho, Robert	The Hong Kong and China Gas Company
• Mr. Lee Cheuk Wang, Laurence	The Hong Kong and China Gas Company
• Mr. Lee Ho Man, Joseph	CLP Power Hong Kong Limited
• Ir Lee Ho Yan, Eva	Hip Hing Construction Co. Ltd.
• Mr. Leung Jing Shang, Gordon	Drainage Services Department, HKSARG

OUTSTANDING HELPER AWARDS

AWARDEE	COMPANY
• Mr. Luk Tsz Lung , Oneil	AECOM Asia Company Limited
• Mr. Mak Chi Lam, Chilam	CLP Power Hong Kong Limited
• Ms. Ng Cheuk Sze, Jessy	CLP Power Hong Kong Limited
• Mr. Ng Sai Lun, Simon	Electrical and Mechanical Services Department, HKSARG
• Mr. Pak Chun Wing, Edison	Civil Engineering and Development Department, HKSARG
• Mr. Wong Chun Ho, Anson	Buildking Construction Limited
• Mr. Yeung Hang Lam	Buildking Construction Limited
• Ms. Ho Ying Wing, Kokomi	Highways Department, HKSARG
• Ms. Lee Ching Yan, Ellen	Highways Department, HKSARG
• Mr. Lee Yiu Ting, Ben	CLP Power Hong Kong Limited
• Mr. Lo Tak Tan, Caleb	CLP Power Hong Kong Limited
• Ms. Mok Yuen Shan, Ada	Airport Authority Hong Kong
• Mr. Tong Ki Hei, Terry	Paul Y. Engineering Group Limited
• Mr. Yuen Ho Wai, Ryan	Chun Wo Construction & Engineering Co Ltd
• Ms. Yuen Shing Nok, Wendy	Electrical and Mechanical Services Department, HKSARG

BEST REPORTER AWARDS

AWARDEE	EVENT
 Ms. Cheung Wang Sze, Audrey	Technical Visit to Tung Chung East Reclamation Project
 Ms. Lee Ching Yan, Ellen	Technical Visit to Chinese Temples Renovation Works
 Mr. Lam Kwan Ho, Robert	Webinar on Indoor Air Quality against COVID-19
 Mr. Lam Cheuk Yin, Bryan	Webinar on Cyber Security in Operation Technology and IoT



Young Members Committee
青年會員事務委員會



FOLLOW US ON FACEBOOK & INSTAGRAM

