

**ANNUAL REPORT  
2022/2023**

**ONE TEAM  
SHARED GOALS**

**YOUNG MEMBERS COMMITTEE  
THE HONG KONG INSTITUTION OF ENGINEERS**

**PROUD TO BE ENGINEERS**

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

Young Members Committee  
青年會員事務委員會

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# 38TH AGM AGENDA

**THE HONG KONG INSTITUTION OF ENGINEERS  
YOUNG MEMBERS COMMITTEE**

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The 38th Annual General Meeting for Session 2022/2023

Date: 1 June 2023 (Thursday)

Time: 18:30

Venue: Grand Ballroom, 6/F, Royal Plaza Hotel,  
193 Prince Edward Road West, Mong Kok, Hong Kong

## Agenda Items

1. To receive and confirm the Minutes of the 37th Annual General Meeting.
2. To receive and adopt the Annual Report of the YMC for Session 2022/2023.
3. To receive and adopt the Financial Statement of the YMC for Session 2022/2023.
4. To elect the Chairman and Committee Members of the YMC for Session 2023/2024.
5. Any other business.

**THE HONG KONG INSTITUTION OF ENGINEERS  
YOUNG MEMBERS COMMITTEE**

**Minutes of the 37<sup>th</sup> Annual General Meeting  
for the Session 2021/2022**

Date : 4 July 2022 (Monday)  
Time : 18:35-19:00  
Venue : Level 8, The Wave, 4 Hing Yip Street, Kwun Tong, Hong Kong  
Present : More than 36 members attended

The Chairman, Ir WONG Hei Long Ken, welcomed all participants to the Thirty-seventh Annual General Meeting of the Young Members Committee (YMC).

- The minutes of the Thirty-sixth Annual General Meeting was confirmed and endorsed.  
Proposer: Mr LIANG Ki Kin Jacky      Seconder: Mr CHAN Tsz Ki Tommy
- The Chairman, Ir WONG Hei Long Ken, delivered the Annual Report for the Session 2021/2022, which was subsequently endorsed.  
Proposer: Mr CHAN Tsz Ki Tommy      Seconder: Ir MAK Chun Kwong Chris
- The Treasurer, Ir LAI Ho Keung Stanley, presented the Financial Report for the Session 2021/2022, which was subsequently endorsed.  
Proposer: Mr LIANG Ki Kin Jacky      Seconder: Ms LAM Ka Man Carmen
- Mr LAM Chun Ho Thomas** was nominated by the Committee to be the Chairman for the Session 2022/2023 and was subsequently elected without objection.  
Proposer: Mr CHAN Arthur      Seconder: Mr POON Ferris
- The following members were nominated in the election of Committee Members for the Session 2022/2023.

<i>Name</i>	<i>Discipline</i>	<i>Organisation</i>
<b>Mr CHENG Wing Hei Xavier</b> (Proposer: Ir MAK Chun Kwong Chris)	<b>Mechanical</b>	<b>Ove Arup &amp; Partners Hong Kong Limited</b> Seconder: Ir LAI Ho Keung Stanley)
<b>Mr KWAN Ho Man Donald</b> (Proposer: Mr SHAM Cheuk Kiu Ackle)	<b>Environmental</b>	<b>Dunwell Group</b> Seconder: Ms WAI Yi Kwan Evelyn)
<b>Mr KWOK Chun Hin Henry</b> (Proposer: Mr CHAN Tsz Ki Tommy)	<b>Electrical</b>	<b>The Hongkong Electric Company Limited</b> Seconder: Mr LAM Chun Ho Thomas)
<b>Ms LAM Ka Man</b> (Proposer: Ms WAI Yi Kwan Evelyn)	<b>Civil</b>	<b>Gammon Construction Limited</b> Seconder: Mr CHAN Arthur)
<b>Mr LEUNG Jing Shang Gordon</b> (Proposer: Ir LAI Ho Keung Stanley)	<b>Civil</b>	<b>Drainage Services Department, HKSAR</b> Seconder: Ms WAI Yi Kwan Evelyn)
<b>Ms TAY Terry</b> (Proposer: Mr CHAN Arthur)	<b>Chemical</b>	<b>CLP Power Hong Kong Limited</b> Seconder: Mr CHEUNG Ho Ming Jacky)

<b>Ms TSANG Mei Wai Cindy</b> <b>Chemical</b> (Proposer: Mr LAM Chun Ho Thomas)	<b>The Hong Kong and China Gas Company Limited</b> Seconder: Ms KAM Wing Sum Keiko)
<b>Mr WAN Cheung Chun Owen</b> (Proposer: Mr SHAM Cheuk Kiu Ackle)	<b>Electrical and Mechanical Services Department, HKSAR</b> Seconder: Mr LIANG Ki Kin Jacky)

*Total No. of Nomination: 8*  
*No. of Vacancies of Committee Members for Session 2022/2023: 8*

As the number of nominations for Committee Members equals the number of vacancies, no ballot was held. The nominees were subsequently elected to be Committee Members of the YMC.

Proposer: Ir MAK Chun Kwong Chris      Seconder: Mr CHAN Arthur

- A.O.B

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

Mr LAM Chun Ho Thomas proposed a vote of thanks for the outgoing Chairman, Ir WONG Hei Long Ken, for his leadership in the Session.

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

Recorded by:



Ms WAI Yi Kwan Evelyn  
Honorary Secretary (2021/2022)  
Young Members Committee  
The Hong Kong Institution of Engineers

Date: 4 July 2022

# CHAIRMAN'S MESSAGE



**Mr. Thomas LAM Chun Ho**  
**Chairman, Session 2022/23**  
**Young Members Committee**  
**The Hong Kong Institution of Engineers**

It has been a compact but exciting session in the Young Members Committee (YMC) of the Hong Kong Institution of Engineers (HKIE). Under the theme of “One Team, Shared Goals”, we strived to build a coherent team and work in concert to serve the different needs of our members. With our great team effort, we have arranged over 80 events in the 10-month session to benefit our young members, our engineering industry and our society.

YMC has been one of the most prominent bodies to connect and represent the voice of young engineers from diverse engineering disciplines and sectors. As pandemic conditions improve and social distancing restrictions ease, we are striving to strengthen our connection both internally and externally. Through this period, we have organised different networking and sports events to facilitate team building and ideas exchange amongst our members. We have provided social media updates to keep ourselves connected virtually to the digital world and our friendly societies. We have also collaborated with different professional bodies to organise events to widen the knowledge and network of our members and arranged several dialogues to enable members to voice out their opinions on the latest policies on engineering and youth development.

Outside Hong Kong, with the lifting of cross-border restrictions, we were pleased to have organised the Overseas Delegation to Germany to study our shared goals of the energy transition, digital transformation and sustainable city. We also maintained close ties with different engineering institutions in Asia through participation in the Young Engineers of the ASEAN Federation of Engineering Organisation Conference in Cambodia.

The pride of being an engineering professional comes from our technical and professional knowledge. To support the all-rounded development of young members, we offered comprehensive continuing professional development activities to enrich the competencies of our members, from technical seminars and visits of different engineering disciplines, general professional trainings to personal development workshops. To drive membership development, we continued to jointly organise the Young or Ready Series with different Divisions to share up-to-date information on professional assessment with our young members.

We played an important role in driving the HKIE’s initiative of nurturing our talented successors. We served in different Student Chapters of the Institution, providing advice and support for their operation and development. We also coordinated a wide range of workshops to assist students with their career development and job seeking. Additionally, we promoted STEM to primary and secondary school students through our involvement in the Child Development Fund Project of the Boys' & Girls' Clubs Association of Hong Kong and the Eco-model Tournament of the Green Council. Moreover, we also supported the Institution to organise the Engineers Week to promote engineering to the public.

Our accomplishment was attributable to the dedicated efforts of our Past Chairmen, Committee Members, Co-opted Members, Advisors, event coordinators and helpers. Let’s keep up with the great team spirit and work together to contribute towards the engineering industry and the betterment of Hong Kong.



## Overseas Delegation 2023 to Germany The Moment of Engineering Evolution



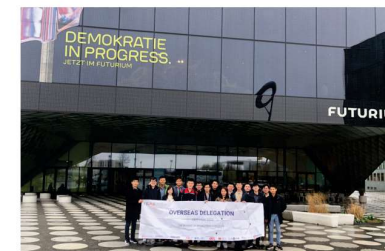
Engineering has been at the forefront of human progress throughout history, enabling enhancement in the standards of living around the world. At the present moment, the engineering field is undergoing a pivotal evolution, driven by the convergence of powerful technological and social forces. The demands of society have rapidly shifted in response to the COVID-19 pandemic. At the same time, there is a growing recognition of the grand challenges of our era, such as climate change and sustainable development. Meeting these challenges will require highly coordinated global cooperation across borders.

As young engineers, we have a unique perspective and a responsibility to shape the future of our profession. As such, the YMC has organised the Overseas Delegation 2023 to Germany under the theme of “The Moment of Engineering Evolution” to serve as an inspiration for young engineers to gain global perspectives and rethink proactively our roles under these megatrends. It is our honour to have our President and six distinguished senior members from the HKIE, who have been supporting us generously, to be our advisors. The delegation consisted of three major areas of study: Digital Transformation, Energy Transition and Sustainable City.



The delegation included a local series to study the status and development in Hong Kong and a trip from 30th March to 10th April 2023 to study the state-of-the-art technology and the best practices in Germany in the three areas of study. Delegates were motivated by the successful stories of Germany and explored the potential application in Hong Kong.

In the area of Digital Transformation, we visited the Karlsruhe Institute of Technology and learned about their research on Industry 4.0. We toured the Volkswagen Smart Factory at the Autostadt, and witnessed digital twin applications in action at Bausch + Ströbel. A visit to the Futurium museum provided insights into the future technologies.



For Energy Transition, we visited the Deutsche Energie-Agentur GmbH (dena) - the German Energy Agency to study their strategies for achieving carbon neutrality and energy security. At the Technical University of Berlin, we learned about the latest wind turbine technologies. At the Autostadt museum, we appreciated the cutting-edge electrical vehicles and charging facilities.

Regarding Sustainable City, we studied urban renewal in the Hafencity district and flood management infrastructure at Hamburg HarbourSide. The Reichstag building and Global Tower demonstrated innovative green concepts. Schloss Schwerin showed us a cultural reservation in practice.

Beyond technical visits, we engaged in fruitful exchanges with young engineers from VDI Young Engineers Berlin, Hamburg and Karlsruhe, as well as the Founding Chair of IMechE Germany. Exchange with German young engineers inspired us with their passion for engineering and vision for the future. We established valuable connections and look forward to collaborating on issues of our shared interests.

The overseas delegation has been an eye-opening experience for the delegates. The delegation provided valuable insights for Hong Kong engineers into Germany's advanced technologies and sustainable practices. Their experience can serve as a reference for Hong Kong to integrate advanced technologies with long-term strategies. It has motivated us to contribute to Hong Kong's technological and sustainable advancement.

As an outcome of the delegation, the team would publish a report and organise a debriefing session to share their findings in June 2023.

Last but not least, we would like to express our sincere thanks to our advisors, sponsors, hosting organisations and delegates for their invaluable support and generous contribution to making this delegation a success.



## CAFE040 / YEAFE029

To help broaden their horizons and maintain good relationships with different engineering institutions, young engineers from the YMC participated in the 40th Conference of the Association of Southeast Asian Nations (ASEAN) Federation of Engineering Organisations (CAFE0) in conjunction with the 29th Meeting of Young Engineers of the ASEAN Federation of Engineering Organisations (YEAFE0) in Phnom Penh, Cambodia from 4 to 7 December 2022.

The conference consisted of seminars, forums, meetings and visits under the theme of “The Changing Roles of Engineers in the Industry 4.0 Era”.

In the YEAFE0 activity report meeting, the delegates had the chance to introduce the HKIE and the YMC as well as share some of the reindustrialisation initiatives in Hong Kong that echoed the conference theme. They were invited to attend the YEAFE0 governing board meeting to observe the institutional matters and discuss potential collaborations. They also attended working group meetings to understand the latest developments in energy transition, transport connectivity and boiler inspections in ASEAN countries.



Apart from the technical meetings, the delegates were given guided tours of two skyscrapers, Vattanak Capital and the Morgan Tower, to understand their design, construction and operation. They also visited the Win-Win Memorial, which symbolises the end of the civil war in Cambodia, to learn more about the history of the country.

The delegates met young engineers from different countries through a wide range of networking activities. One of the highlights was the YEAFE0 Friendly Marathon along the Tonle Sap River. The two YMC delegates won the First Prize and the Third Prize in the competition and were presented with medals by Mr. Sokhom Vireakphal, the Director General of the Board of Engineers Cambodia Laboratory.

The four-day event was a wonderful opportunity to widen the young engineer’s horizons and extend the YMC’s network. We look forward to the next conference in Bali, Indonesia in 2023.



# THE COMMITTEE SESSION 2022/2023



**Mr. Thomas LAM**

CHAIRMAN



**Ir Ken WONG**

IMMEDIATE PAST  
CHAIRMAN



**Ir T K CHEUNG**

DEPUTY CHAIRMAN



**Ms. Terry TAY**

HONORARY SECRETARY



**Ms. Cindy TSANG**

HONORARY TREASURER



**Mr. Donald KWAN**

COMMITTEE MEMBER  
(STUDENTS PROMOTION  
GROUP)



**Mr. Tommy CHAN**

COMMITTEE MEMBER  
(GRADUATES  
PROMOTION GROUP)



**Mr. Henry KWOK**

COMMITTEE MEMBER  
(SEMINARS GROUP)



**Ms. Carmen LAM**

COMMITTEE MEMBER  
(VISITS GROUP)



**Ir Chris MAK**

COMMITTEE MEMBER  
(NON-TECHNICAL  
PROGRAMME GROUP)



**Mr. Jacky LIANG**

COMMITTEE MEMBER  
(COMMUNITY SERVICES  
GROUP)



**Mr. Gordon LEUNG**

COMMITTEE MEMBER  
(PUBLIC RELATIONS GROUP)



**Mr. Xavier CHENG**

COMMITTEE MEMBER  
(SPORTS & RECREATION  
GROUP)



**Mr. Holman JIM**

COMMITTEE MEMBER  
(SOCIAL, CULTURE & ARTS  
GROUP)



**Mr. Owen WAN**

COMMITTEE MEMBER  
(SPECIAL EVENTS GROUP)



**Mr. Arthur CHAN**

COMMITTEE MEMBER  
(PUBLICITY & WEBMASTER  
GROUP)



**Ms. Keiko KAM**

COMMITTEE MEMBER  
(HUMAN RESOURCES  
GROUP)



**Ir Eva LEE**

CO-OPTED MEMBER  
(SEMINARS GROUP)



**Mr. Kenny SIU**

CO-OPTED MEMBER  
(SPECIAL EVENTS  
GROUP)



**Mr. Ryan YUEN**

CO-OPTED MEMBER  
(VISITS GROUP)



**Ir Prof Ken HO**

CO-OPTED MEMBER  
(FROM COUNCIL)



**Ir Michelle TANG**

CO-OPTED MEMBER  
(FROM COUNCIL)



**Ms. Gloria HO**

EVENT COORDINATOR  
(PUBLICITY &  
WEBMASTER GROUP)



**Mr. Edison PAK**

EVENT COORDINATOR  
(STUDENTS PROMOTION  
GROUP)



**Ir Alice CHOW**

ADVISOR



# WORKING GROUP REPORTS



# STUDENTS PROMOTION GROUP

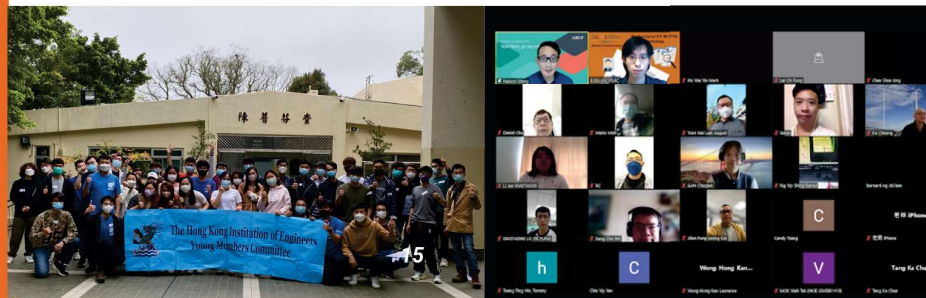
by Donald KWAN and Edison PAK

The Students Promotion Group (SPG) was established to provide students with information on their career prospects in engineering and build up linkages between fellow students and engineers. SPG has organised a variety of events targeting engineering students from tertiary institutions and works collaboratively with HKIE Student Chapters (SCs) to promote YMC and the engineering field.

The Leadership Training Camp is one YMC's signature events held annually. Due to the pandemic, it has been a while since the last physical training camp was held. Joining hands with Continuing Professional Development Committee (CPDC), SPG organised the training camp on 11 February 2023, providing learning opportunities for students and graduates to team up with each other and explore their potential through a variety of interactive activities. With the theme of "Unity", the participants could learn to cooperate with other team members to achieve success in friendly competitions. Our Committee Members and other graduates also shared their experiences of tackling engineering challenges during work and answered enquiries by students upon their career development.

It was our pleasure to support and work with SCs on their Joint Student Chapter (JSC) events, which allowed YMC to reach and serve a wider scope of audience, creating a closer bonding between students and YMC. With the joint effort of SCs and YMC, the JSC Engineers' Night was successfully organised for bridging the gap between students and professional engineers.

In the coming session, SPG will continue to act as the linkage between the HKIE, YMC, and SCs to broaden students' horizons in the engineering profession and create a sense of belonging in our big family. It is important to have such a platform between engineers and younger generations to exchange insights for career development, nurture future leaders in the field, and promote the HKIE.



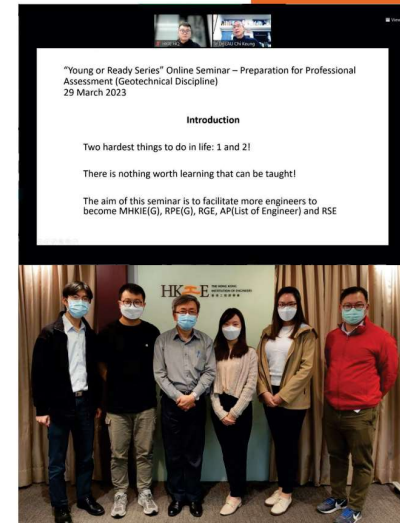
# GRADUATES PROMOTION GROUP

by Tommy CHAN

Aiming to assist our graduate members towards the route of becoming professional engineers, the Graduates Promotion Group (GPG) has organised a series of seminars and workshops for our young members to learn more about Competence-based Professional Assessment.

Following the success of previous years, the "Young or Ready Series", has been continuously organised this year to give guidance and skills to the young members for well preparation for their professional assessment in the corresponding discipline. We were honoured to have the support from Civil Division, Building Services Division, Structural Division, Geotechnical Division, Mechanical Division, and Environmental Division this year. As soft skills form an integral part of a young engineer's development, "Workshop on Professional Writing" and "Workshop on Presentation Skills" have been organised to enhance the effectiveness of their speaking and writing, strengthening the core competence of our young engineers. We have received lots of positive feedbacks from the participants mostly about the new insights from the workshop of which they were impressed.

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 efforts, we were able to accomplish the aims and events successfully in this session.



# SEMINARS GROUP

by Henry KWOK and Ir Eva LEE

The Seminars Group aims to raise young members' attention on decarbonisation and the digital world. In this session, a total of six seminars have been organised to include the mentioned area. On average, over 300 participants have attended each of our seminars.

To raise young members' attention to decarbonisation, the Seminars Group have organised Technical Seminar on Green Technology – Carbon Capture Paint and Odour Remover and Technical Seminar on Low Carbon Building Construction. In the Technical Seminar on Green Technology – Carbon Capture Paint and Odour Remover, we invited two SME's to explain how the green technologies used on their products help to achieve decarbonisation. In the Technical Seminar on Low Carbon Building Construction, we invited Dr. Dai Ji to introduce the development of carbon neutral projects. Through these two seminars, young members were able to learn technology and trends on decarbonisation.

Other than decarbonisation, the digital world was another focus of this session. The Seminars Group have organised Technical Seminar on Research on Automation in Construction: From AI to Metaverse and Technical Seminar on Digitalised Site Management. In the Technical Seminar on Research on Automation in Construction: From AI to Metaverse, we invited Prof. Ivan Fung to discuss how AI can be used in site management. Prof. Fung also discussed the future use of Metaverse in the construction industry. Young members were able to get inspiration from Prof. Fung on the use of Metaverse.

Apart from decarbonisation and the digital world, the Seminars Group also organised a Technical Seminar on Lifting Appliances and Lifting Gear Safety and a Technical Seminar on MiC Design and Development. Participants were able to learn the safety procedures for the use of LALG from Ir George Au and the latest MiC development from Ir Wilson Cheung.



# VISITS GROUP

by Carmen LAM and Ryan YUEN

The Visits Group (VG) of YMC has always been devoted to organising quality technical visits to young members from different engineering disciplines. Continuing from the triumph of former sessions, this session saw a total of ten visits conducted for participants, covering a wide range of current engineering topics. These visits provided participants with a unique opportunity to learn from diverse experiences and gain valuable insights into our industry.

To keep up with the current infrastructure developments in Hong Kong, different large-scale infrastructure projects were visited, including the construction of the Relocation of Sha Tin Sewage Treatment Works to Caverns, Central Kowloon Route - Kai Tak West, Trunk Road T2 and Cha Kwo Ling Tunnel, etc. Young engineers understood the construction challenges in detail and were allowed to learn about the considerations and decisions made to overcome them from the visits.



VG has also endeavoured to hold an array of visits in cutting-edge technology and hot issues in our industry. We visited HKU Residential Hall MiC construction at Wong Chuk Hang to learn more about the actual operation of MiC. We visited Tseung Kwan O Desalination Plant, the first desalination plant in Hong Kong, to learn more about the desalting process and the adoption of DfMA technology. We also visited the new power generation plant L10 of HKE in Lamma Power Station.



It is VG's mission to spark young member's attention to the development within the industry, and more importantly, to stimulate their ideas while enriching their horizon. They were able to learn from diverse experiences and collaborate with others in the industry, creating a rich learning experience that will stay with them throughout their careers. VG will continue to bear its mission and organise more interesting and fruitful visits in the coming future.



# NON-TECHNICAL PROGRAMMES GROUP

by Ir Chris MAK

The Non-technical Programmes Group has organised a series of workshops to assist members on self-management and personal development.

In Workshop on Understanding Your Genuine Character - 16 Personalities, members had a chance to understand themselves by using the 16 Personalities Test. After the test, participants could better understand their genuine characters, which can help them shape their working and living styles. The workshop also shared skills on how to build up social relationships, boost teamwork and plan for personal growth.



The Life Scenario Planning Workshop was designed to help members achieve their goals and make decisions in work, career and finance. The workshop also enabled participants to reflect on the opportunities and limitations of time and resources through a board game simulating different scenarios in real life which guided the participants in how to fully utilise time and resources and make wise decisions in life!



During the Mindful Anger Management Workshop, young engineers were able to understand their personal emotions and learn practical skills to manage their emotional feeling. Through in-class practical exercises, participants were able to transfer the lessons learnt to daily work and personal lives to help them with stress management and extreme emotions.

To enhance our members' physical health, a Workshop on Relieving Pain from Working in Office with Yoga Techniques was organised to introduce some stretching tips to deal with the pains and how yoga with positive meditation can help release stress at work.



# COMMUNITY SERVICES GROUP

by Jacky LIANG

This session marks a special milestone for the Community Services Group (CSG). Amidst the easing of Covid-19 restrictions, we have not only resumed face-to-face volunteering activities, but also explored different types of community service. In this session, CSG has organised six events in collaboration with various organisations.



We have jointly organised a series of volunteering services with the Hong Kong Blind Union, which included a Workshop on Skills for Volunteer Service and a Sight Guide to the M+ Museum. Participants learned techniques on how to engage with the visually impaired, site guidance, and audio descriptions for artwork. After the workshop, participants were given a chance to guide a tour of the art exhibition with the visually impaired. Throughout the activities, there were numerous ideas and experiences exchanged between our young engineers and those with visual impairment.

Our collaboration with the Yang Memorial Methodist was continued in the session, working together to share the festive joy with the elderly through home visits. Our support to the next generation and promotion of STEM was demonstrated through our involvement in the Child Development Fund Project - Growing Partner II organised by the Boys' & Girls' Clubs Association of Hong Kong.

Volunteering service with Food Angel was a new initiative for us this session. A volunteering activity at the Food Angel kitchen was organised, where participants assisted in preparing the food ingredients and packaging foods. This experience provided valuable insights into the operation of Food Angel and the challenges faced by underprivileged communities in Hong Kong.

As engineers, we have the responsibility to build and enhance an inclusive society where everyone can enjoy a good quality of life. Through the activities of CSG, we strive to nurture greater empathy among our young engineers, encouraging them to be more considerate and to understand the challenges faced by people from different walks of life. We hope to continue extending a helping hand in the future for a better society.

# PUBLIC RELATIONS GROUP

by Gordon LEUNG

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

An annual highlight event was the Joint Society Christmas Party 2022, organised by young groups of various institutions related to the construction industry. The party was one of the largest networking events in the industry with more than 100 participants from different backgrounds. The organising committee spent many hours brainstorming creative ideas and was delighted that the event was enjoyed by all.



To bridge our young engineers and external organisations, PRG also co-organised various events to encourage ideas and knowledge exchange. In particular, we jointly organised a seminar on “Arbitration in Hong Kong - in the perspective of engineers” with the Chartered Institute of Arbitrators (East Asia Branch) Young Members Group, and arranged a Joint Society Networking & Wine Pairing Workshop with the young section of the Hong Kong Institute of Planners and the Hong Kong Institute of Surveyors. We also conducted a Workshop on Persuasive Communication to enhance members' skills on public engagement.

Public Relations is more than media relations; it is about public engagement and collaboration of various elements, especially people. With the coalition of all young engineers and professionals, PRG will become a more lively and dynamic environment, continuing to provide our members with an excellent platform to extend their network and broaden their perspectives.

# SPORTS & RECREATION GROUP

by Xavier CHENG

It was a fruitful year for the Sports and Recreation Group (SRG). To echo our theme of “One Team, Shared Goals”, SRG aimed to promote sportsmanship and team spirit through organising different recreational activities and participating in sports competitions.

With the relaxation of social distancing, we formed a team of football enthusiasts to enter the Construction Industry 5-a-side Football Competition 2022. The opponent teams were competitive but our team successfully came first in the group stage. We also formed a team of elite athletes to participate in the 5km Fundraising Team Run to show our support in Hong Kong Engineers Week. In this meaningful event, we came 21st among 65 teams and raised about \$3,000 for students in need who wish to pursue their future studies in engineering.

This year, SRG prepared a variety of activities to create a sense of belonging amongst our members. A Dragon Boat Fun Day was held and we were honoured to have members from the HKIE dragon boat team as coaches. During the event, participants learned different paddling skills during 1-to-1 coaching sessions and gained experience in the use of the right muscles in various training modes. On our Golf Fun Day, we also arranged for HKGA-registered coaches to teach basic golf techniques to young members. Participants had the opportunity to practice their swing skills at the practice range and learnt how to putt on the putting green.

SRG encourages a sustainable and healthy lifestyle among RYMs. Keeping our tradition, we continued to support the Green Council in organising the 22nd Eco-Model Tournament and nurturing our talented successors. By providing technical support in outlining design specifications, formulating rules and serving as event judges, not only young members raised their awareness of environmental protection but also the primary and secondary students participated in this STEM model car competition. In addition, a hiking event was organised which allowed participants to embrace the beauty of nature. Through hiking along the newly renovated Peak Tram stations and the Central Green Trail, we captured the breeziness at Barker Road and enjoyed the scenery of Victoria Harbour from the Peak.



# SOCIAL, CULTURE & ARTS GROUP

by Holman JIM

In this session, the Social, Culture and Arts Group (SCAG) of HKIE-YMC organised several activities that aims to promote social and cultural awareness among the members. These events were designed to provide a platform for the members to engage in cultural and ecological activities, and to learn about the rich heritage and culture of Hong Kong.

The group started the session with a Visit to the Ma On Shan Mine, where the members learned about the history of the mine and its impact on the local community. The visit provided a unique opportunity for the members to learn about the mining industry in Hong Kong and its contribution to the development of the city.

The group also organised two events as part of the Ecological Appreciation Series. The first event was a Wetland Bike Tour, where the members explored the ecological diversity of the wetlands in Hong Kong. The tour was informative and provided a great opportunity for the members to learn about the importance of preserving the wetlands in Hong Kong.

The second event in the series was an Eco Tank DIY Workshop, where the members learned about the importance of water conservation and created their own eco-tanks using recycled materials. The workshop was fun and interactive for the members to learn about sustainable living and develop their creativity.

The group has also arranged a Stargazing & BBQ Social Night at the end of the session, bringing together young engineers for a night of celestial exploration, mouth-watering BBQ, and engaging conversation.

Looking ahead, the Social, Culture and Arts Group of HKIE-YMC envisions organising more events that promote social and cultural awareness among the members, encouraging more participation from the members to create a vibrant community that celebrates diversity and promotes cultural exchange.



# SPECIAL EVENTS GROUP

by Owen WAN and Kenny SIU

This year Special Events Group (SEG) looked into fresh approaches to connect with our global counterparts more quickly. The innovation introduces new technologies and better solutions to address social and environmental issues, provides the infrastructural facilities to meet society's basic needs and facilitates access to information. In line with this, SEG hosted a number of events with the theme of "Innovation", showcasing the latest technologies to aspiring engineers.

The theme for the conference, "The Changing Roles of Engineers in Industry 4.0 Era," was chosen by the 40th Conference of the ASEAN Federation of Engineering Organization in conjunction with the 29th Meeting of Young Engineers of ASEAN. Participants discussed pertinent issues and trends on a variety of engineering topics, such as energy transition, transport connectivity, and boiler inspection. Delegates from SEG gained exposure to attending large-scale international conferences, increased their engineering knowledge and developed interpersonal qualities to work with engineers from different countries.



One of the cornerstones of innovation is digitization. SEG hosted a session on drones and the Internet of Things (IoT) as well as a guided tour to present young engineers with a broad range of information about innovation in order to appreciate technical expertise and applications in the industry. Young engineers were given an in-depth understanding of cutting-edge and innovative technologies.

A forum "Dialogue with Home and Youth Affairs Bureau" was designed for young engineers to have a casual chat with Hyab. Young engineers were given the opportunity to speak with the top government representative of the Home and Youth Affairs Bureau and this gave young engineers the opportunity to be involved in developing youth policies and a blueprint for youth development. Another dialogue with the HKIE President will be held at the end of the session to raise the awareness of young members about the latest development in the HKIE and the engineering industry.

# PUBLICITY & WEBMASTER GROUP

by Arthur CHAN and Gloria HO

In this session, the Publicity and Webmaster Group (PWG) aims to reach YMC to more young engineers. Our working group continued to serve as the coordinator for publishing promotional materials to the website and social media, as well as uploading articles to the HK Engineer journal.

Apart from the above mentioned tasks, we have revamped our webpage, in particular, our list of the committee, to proudly introduce our members with a refreshed and professional look. After gathering opinions from our members, plus multiple hours of tweaking and finetuning, we finally had our new list of committees ready to be published. It took up numerous of time and effort, it was still a joyful process and totally worth it.

In terms of publicity, social media always played a significant role. Therefore, we worked hard in managing our pages throughout this session. We updated our profile banner on our Facebook page, presenting our theme “One Team, Shared Goals” with a picture taken from our team building activity.



Despite our differences in disciplines and backgrounds, we still hope to treat all members as our friends. Last Christmas and Lunar New Year, we sent our blessings through videos on our social media. Making these videos may seem like a piece of cake, but in fact, it took lots of time and hard work to film, edit, and publish the videos.

As to share our experience, some of our events were highlighted on social media to allow members to know more about the events, even if they were not able to participate in these events. Every like and positive comment motivates us to organise more events in the future!

The HKIE Young Members Committee (HKIE YMC)  
22 January

HKIE YMC 祝大家  
身體健康  
一伙風順  
滿園大展  
步步高陞  
心想事成  
笑口常開  
學業進步  
五福臨門  
開工大吉  
兔年行大運



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# HUMAN RESOURCES GROUP

by Keiko KAM

The Human Resources Group (HRG) provides human resources affairs support within the HKIE YMC, and helps to reach out to young members who would like to join our big family as helpers. To bring together a group of passionate and talented young engineers, HRG facilitates various programs that connect young members with YMC Committee members during our sessions.

At the beginning of the session, HRG organised a helper orientation day to welcome all passionate helpers. YMC is an interdisciplinary committee which allows all young members from various engineering disciplines to communicate and exchange. This event also provided a platform to inform young members of the future plans and events of YMC. All helpers and committee members actively shared their work and life experiences during the board game session and enjoyed this welcoming event.

To strengthen the relationship and team-working skills within the Committee, HRG organised numerous internal events, such as monthly dinner gatherings, birthday parties, and a Helpers Reunion Day. All the committees celebrated teamwork as the events throughout the year ran smoothly with the help of our helpers.

Furthermore, HRG recently organised two team-building workshops: an Archery Class and a Bouldering Class. Both committees and helpers were invited to participate and work together in small teams to achieve planned targets and develop their teamwork skills.

I would like to thank all the helpers, committees and participants for your support throughout the session. I am looking forward to seeing you again at future events and to achieving more goals together.



# LISTS OF ACTIVITIES 2022/2023

Date	Event	Co-organisers	Speaker(s) / Guest(s)
03/09/22	Visit to the Kai Tak Sports Park (25 Years of Design) Exhibition		
26/09/22	Workshop on Volunteering Skills : Understanding People with Visual Impairment		
08/10/22	Volunteering Service on Sight Guide to M+ Museum	Hong Kong Blind Union	
09/10/22	Helper Orientation Day		
21/10/22	Technical Seminar on Green Technology - Carbon Capture Paint and Odour Remover		Mr. Jason WONG; Mr. William YIP
22/10/22	Technical Visit to Sha Tin Sewage Treatment Works Relocation Project		
22/10/22	Professional Short Course: The Role of Nuclear Energy to Carbon Neutrality	HKIE-NED, HKIE-EGD, HKARMS, HKNS, HKAMP, IMechE- HK	Mr. WM LEUNG; Ir Prof. Ken CHEUNG; Ir Dr BL LUK
14/11/22	Workshop on Understanding Your Genuine Character - 16 Personalities		Ms. Aka TANG
19/11/22	Technical Visit to Kam Sheung Road Craft Exchange Center	Australian Institute of Building	
20/11/22	Workshop on Life Scenario Planning		Ms. Aka TANG
28/11/22	Workshop on Professional Writing	HKIE-CPDC	Ir Anthony CHOW
02/12/22	Young or Ready Series – A Route to Become a Professional Civil Engineer	HKIE-CVD	Ir Eric CHAN; Ir Henry LAM
03/12/22	YEAFO40/CAFE029 in Cambodia		
09/12/22	Joint Society Christmas Party 2022	AES-YES; ASCE; ASHRAE-YMC; CIPHE; ICE HKA G&S; IET-YMS; IMechE-YMS; AIB; HIREA; HKIP-YPG; HKIS- YSG; IGEM	
10/12/22	Elderly Home Visit – Winter Wonder Act	Yang Memorial Methodist Social Service	
10/12/22	Dialogue with Home and Youth Affairs Bureau	HKCA-YMS	
12/12/22	Workshop on Presentation Skills (Session I)	HKIE-CPDC	Ir CW CHAN
17/12/22	Cultural Tour - Visit to Ma On Shan Mine (Session I)	HKIE-CPDC	
17/12/22	Guided Tour of CIC Construction Innovation Expo 2022		
17/12/22	Technical Visit to HKU Wong Chuk Hang Student Residence MiC Project	HKIE-BDD	
18/12/22	Construction Industry 5-a-side Football Competition 2022	CIC	
28/12/22	Seminar on Arbitration in Hong Kong - in the perspective of engineers	CIARB (EAB) YMG	Mr. Ronald PANG; Ir Richard POON
30/12/22	Technical Seminar on Lifting Appliances and Lifting Gear Safety		Ir George AU
07/01/23	Professional CV Writing Workshop		Mr. Nelson WONG
14/01/23	Workshop on Digital Technology – Making Your Home Smarter with IoT	HKIE-CPDC	
14/01/23	Mock Interview Workshop		
15/01/23	The 22nd Eco-model Tournament	Green Council	
17/01/23	Young or Ready Series – A Route to Become a Professional Building Services Engineer	HKIE-BSD	Ir Sammy YEUNG; Ir Keith YUE
19/01/23	OD2023: Technical Seminar on Digital Twin for HKUST Campus	HKIE-CPDC	Prof. Jack CHENG
21/01/23	OD2023: Technical Visit to Yuen Long Bypass Floodway	HKIE-CPDC	
30/01/23	Seminar on a Consultant's Perspective of NEC4 Professional Service Contract	ICE HKA G&S	Mr. Robert GERRARD
04/02/23	Ecological Appreciation Series - 濕地單車生態導賞	HKIE-CPDC	
11/02/23	OD2023: Technical Visit to SenseTime at HKSTP	HKIE-CPDC	
11/02/23	Leadership Training Camp 2023	HKIE-CPDC	
12/02/23	Ecological Appreciation Series - Ecological Tank DIY Workshop	HKIE-CPDC	
13/02/23	Young or Ready Series – A Route to Become a Professional Structural Engineer	HKIE-STD	Ir Edward CHAN
18/02/23	OD2023: Technical Visit to InnoCell at the Hong Kong Science and Technology Park (HKSTP)	HKIE-CPDC	
21/02/23	Technical Seminar in Research on Automation in Construction : From AI to Metaverse		Prof. Ivan FUNG

Date	Event	Co-organisers	Speaker(s) / Guest(s)
24/02/23	Workshop on Mindful Anger Management	HKIE-CPDC	Ms. Tiffany TONG
25/02/23	Technical Visit to Central Kowloon Route – Kai Tak West		
26/02/23	OD2023: Technical Visit to Ammonia-Powered Electric Vehicle Fuel Cell Workshop	HKIE-CPDC	Prof. Eric CHENG
01/03/23	OD2023: Technical Seminar on Hong Kong I&T Development Blueprint	HKIE-CPDC	Ms. Lillian CHEONG
02/03/23	OD2023: Technical Seminar on Offshore Wind Farm	HKIE-CPDC	Mr. Liam LEE; Ms. Andrea LI
03/03/23	Workshop on Digital Technology – Making Your Own Drone DIY Workshop	HKIE-CPDC	
03/03/23	Workshop on Presentation Skills (Session II)	HKIE-CPDC	Ir Dr. Barry LEE
08/03/23	OD2023: Seminar on Hong Kong's Climate Action Plan 2050	HKIE-CPDC	Mr. CF WONG
09/03/23	Workshop on Persuasive Communication	HKIE-CPDC	Mr. Donald MA
11/03/23	The HKIE Fundraising Cycling & Run – 5km Run (Team)		
13/03/23	Helper Gathering - Archery		
18/03/23	Technical Visit to Trunk Road T2 and Cha Kwo Ling Tunnel		
22/03/23	Helper Gathering - Boulderling		
22/03/23	OD2023: Seminar on Green Building and Construction Technologies in Hong Kong	HKIE-CPDC	Dr. Karen CHEUNG; Ir Dr Eddy LAU; Ms. Lvy LEE
23/03/23	OD2023: Technical Seminar on Salient Water-related Nexus Issues in Transitioning Hong Kong into a Sustainable City	HKIE-CPDC	Dr. Fredrick LEE
25/03/23	Cultural Tour - Visit to Ma On Shan Mine (Session II)	HKIE-CPDC	
29/03/23	Young or Ready Series – A Route to Become a Professional Geotechnical Engineer	HKIE-GED	
30/03/23- 10/04/23	Overseas Delegation 2023 to Germany – The Moment of Engineering Evolution	HKIE-CPDC	
11/04/23	Technical Seminar on Low Carbon Building Construction		Dr. Dai JI
15/04/23	Dragon Boat Fun Day		
22/04/23	Technical Visit to Tseung Kwan O Desalination Plant		
27/04/23	Young or Ready Series – A Route to Become a Professional Mechanical Engineer	HKIE-MCD	Ir CK LEE
27/04/23	Technical Seminar on Digitalised Site Management		Mr. Eric TSE
29/04/23	Technical Visit to Lamna Power Station		
29/04/23	Aromatherapy & Massage Oil DIY Workshop		
30/04/23	Hiking – Admiralty to The Peak Galleria		
01/05/23	Young or Ready Series : Seminar - A Route to become a Professional Environmental Engineer		
06/05/23	Technical Visit to Kai Tak Airside	HKIP-YPG	
10, 17, 24, 31/05/23	Dance Performance Tutorial Lesson		
20/05/23	Technical Visit to Schneider Electric Innovation Hub		
20/05/23	Volunteering Service – Food Angel Meal Preparation		
21/05/23	Golf Fun Day		
24/05/23	Technical Seminar on MiC Design & Development		Ir Wilson CHEUNG
27/05/23	Stargazing & BBQ Social Night		
29/05/23	Workshop on Relieving Pain from Working in Office with Yoga Techniques		Ms. Jesty CHEUNG
01/06/23	HKIE-YMC Annual Seminar 2023		Dr. Ricky CHIU
01/06/23	HKIE-YMC Annual Dinner 2023		
03/06/23	Workshop on Exploring Volunteering Services and Being a Great Volunteer	Yang Memorial Methodist Social Service	
16/06/23	Joint Society Networking and Wine Pairing Workshop	HKIP-YPG; HKIS-YSG	
16/06/23	OD2023: Debriefing Seminar – Insights on the Moment of Engineering Evolution		
17/06/23	Dialogue with the HKIE President		Ir Aaron BOK
17/06/23	Elderly Home Visit – Tuen Ng Festival Elderly Visit	Yang Memorial Methodist Social Service	
23/06/23	Helper Reunion Day		
All year	Child Development Fund Project - Growing Partner II	The Boys' & Girls' Clubs Association of Hong Kong	

# OUTSTANDING HELPER AWARDS

Awardee	Company
CHAN Chi Ming, Jerry	Electrical and Mechanical Services Department, HKSARG
CHAN Kin Sing, Milton	Ove Arup and Partners Hong Kong Limited
CHEUNG Man Hon, John	Electrical and Mechanical Services Department, HKSARG
CHOW Ching Mei, Harumi	The University of Hong Kong
CHUI Ling Kit, Marco	MTR Corporation Limited
FAN Wai Lam, Jessica	Mott MacDonald Hong Kong Limited
FUNG Shing Ming, Jimmy	Ove Arup and Partners Hong Kong Limited
KEUNG Wun Ting, Iris	The Hongkong Electric Company Limited
KONG Tsz Ching, Erica	CLP Holdings Limited
KUNG Wing Chun, Chloe	Meinhardt (Hong Kong) Limited
KWOK Hiu Ching, Michelle	Meinhardt (Hong Kong) Limited
LAM Hin Chun, Jason	Drainage Services Department, HKSARG
LAU Ho Ming, Sam	Aurecon Hong Kong Limited
LAU Hok Yee, Natalie	The University of Hong Kong
LEONG Chun Pong, Kenny	Drainage Services Department, HKSARG
LI Sin Yee, Andrea	CLP Holdings Limited
NG Ka Ki, Jasmine	Talent M&E Limited
NG Man Sing, Sam	MTR Corporation Limited
NG Sze Wai, Seitha	Civil Engineering and Development Department, HKSARG
SEOW Jin Rong	AECOM Asia Company Limited
SZE Kin Ning, Jeanne	CLP Holding Limited
TIN Kit Sing, Ray	Hong Kong University of Science and Technology
WONG Man Ho, Brian	Highways Department, HKSARG
YIP Fung, Eric	CLP Power Hong Kong Limited
YIP Vincent	Civil Engineering and Development Department, HKSARG
YIU Chi Ho, Cielo	Highways Department, HKSARG
YU Siu Hong, Derek	Dunwell Enviro-Tech (Holdings) Limited

# BEST REPORTER AWARDS

Awardee	Company	Event
KO Hang Kin, Patrick	KONE Elevator (Hong Kong) Limited	Technical Seminar on Low Carbon Building Construction
WONG Wai Lam, William	Electrical and Services Department, HKSARG	Technical Visit to Tseung Kwan O Desalination Plant
SHIH Pik Shan, Eden	Hong Kong Baptist University	Technical Seminar on Digitalised Site Management
CHAN Tsz Kei, Tony	CLP Power Hong Kong Limited	Technical Visit to Lamma Power Station