

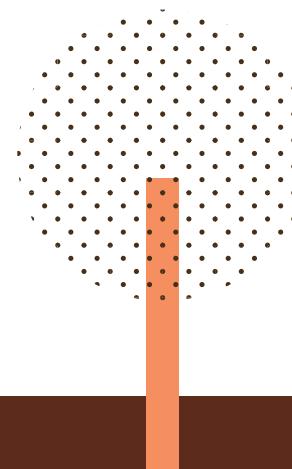


2018-2019  
ANNUAL REPORT



STEP OUT  
STEP UP

Young Members Committee  
The Hong Kong Institution of Engineers



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## THE HONG KONG INSTITUTION OF ENGINEERS YOUNG MEMBERS COMMITTEE

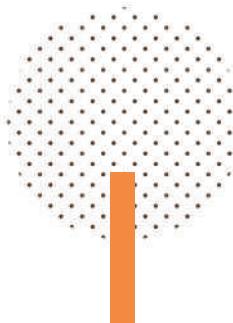
### THE 34TH ANNUAL GENERAL MEETING FOR SESSION 2018/2019

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Date: 4 June 2019 (Tuesday)  
Time: 18:30  
Venue: Grand Ballroom, Level 6, Royal Plaza Hotel,  
193 Prince Edward Road West, Mong Kok, Kowloon

#### AGENDA ITEM

1. To receive and confirm the Minutes of the 33rd Annual General Meeting.
2. To receive and adopt the Annual Report of the YMC for Session 2018/2019.
3. To receive and adopt the Financial Statement of the YMC for Session 2018/2019.
4. To elect the Chairman and Committee Members of the YMC for Session 2019/2020.
5. Any other business.



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

**MINUTES OF THE 33RD ANNUAL GENERAL MEETING  
FOR  
SESSION 2017/2018**

Date: 6 June 2018 (Wednesday)  
Time: 18:30  
Venue: Grand Ballroom, Level 6, Royal Plaza Hotel,  
193 Prince Edward Road West, Mong Kok, Kowloon  
Present: More than 45 members attended

The Chairman, Ir Ambrose CHEN, welcomed all participants to the Thirty-third Annual General Meeting of the Young Members Committee (YMC).

1. The minutes of the Thirty-second Annual General Meeting was confirmed and endorsed.  
Proposer: Mr Eric HO Seconder: Ms Lee Man WONG
2. The Chairman, Ir Ambrose CHEN delivered the Annual Report for the Session 2017/2018, which was subsequently endorsed.  
Proposer: Mr Logan CHAN Seconder: Mr King CHEUNG
3. The Treasurer, Mr Joseph FISHER, presented the Financial Report for the Session 2017/2018, which was subsequently endorsed.  
Proposer: Ms Yani KO Seconder: Ms Lee Man WONG
4. **Ir TANG Whai Tak** was nominated by the Committee to be the Chairman for the Session 2018/2019 and was subsequently elected without objection.  
Proposer: Ms June YIP Seconder: Mr Samson PUNG
5. The following members were nominated in the election of Committee Members for the Session 2018/2019:-

Name	Discipline	Organisation
<b>Mr LAM Chun Ho, Thomas</b> (Proposer: Ir Ambrose CHEN)	Chemical Seconder: Ir TANG Whai Tak	CLP Power Hong Kong Ltd.
<b>Ms NG Hoi Ching, Rachel</b> (Proposer: Ir Ambrose CHEN)	Civil Seconder: Ir TANG Whai Tak	AECOM Asia Co. Ltd.

<b>Ms WAI Yi Kwan, Evelyn</b> (Proposer: Ir Ambrose CHEN)	Environmental Seconder: Ir TANG Whai Tak	MTR Corporation Ltd.
<b>Mr WONG Hei Long, Ken</b> (Proposer: Ir TANG Whai Tak)	Civil Seconder: Mr PUNG Chun Nok	Civil Engineering and Department, HKSARG
<b>Mr WONG Siu Chun, Mark</b> (Proposer: Ir TANG Whai Tak)	Civil Seconder: Ms YIP King Yan	AECOM Asia Co. Ltd.

Total No. of Nomination: 5;  
No. of Vacancy of Committee Members for Session 2018/2019: 5

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

Proposer: Mr Eric HO Seconder: Ir Raymond MAK

**6. A.O.B**

The Chairman, Ir Ambrose CHEN, proposed a vote of thanks to the Committee Members, Coopted Members, Event Coordinators and helpers for their tremendous time and effort throughout the Session.

Ir TANG Whai Tak proposed a vote of thanks to the outgoing Chairman, Ir Ambrose CHEN, for his leadership in the Session.

There being no other business, the meeting was adjourned at 19:25.

Recorded by

Ms Emily Hay Ting YU  
Honorary Secretary (2017/2018)  
Young Members Committee  
The Hong Kong Institution of Engineers

Date: 6 June 2018

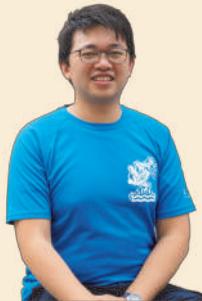


# The Committee 2018/19

**Ir Tak Tang**  
Chairman



**Mr Eric Ho**  
Deputy Chairman



**Ir Yani Ko**  
Honorary Secretary



**Mr Thomas Lam**  
Honorary Treasurer



**Mr Alan Lam**  
Committee Member  
(Community Services)



**Mr Timothy Lun**  
Committee Member  
(Social, Culture & Arts)



**Ms Emily Yu**  
Committee Member  
(Public Relations)



**Ms June Yip**  
Committee Member  
(Publicity & Webmaster)



**Ir Ambrose Chen**  
Immediate Past  
Chairman



**Ir Kenneth Cheung**  
Observer  
Past Chairman



**Ms Candy Fung**  
Observer  
Past Chairman



**Mr Samson Pung**  
Committee Member  
(Students Promotion)



**Ir Vincent Leung**  
Committee Member  
(Special Events)



**Ms Rachel Ng**  
Committee Member  
(Human Resources)



**Mr Michael Chan**  
Co-opted Member  
(Publicity & Webmaster)



**Mr Justin Pang**  
Co-opted Member  
(Seminars)



**Mr T K Cheung**  
Committee Member  
(Graduates Promotion)



**Mr Mark Wong**  
Committee Member  
(Seminars)



**Ms Evelyn Wai**  
Committee Member  
(Visits)



**Mr Ken Wong**  
Committee Member  
(Non-technical Programme)



**Mr Ackle Sham**  
Co-opted Member  
(Special Events)



**Mr John Chan**  
Event Coordinator  
(Visits)



**Mr Howard Kwok**  
Event Coordinator  
(Special Events)



**Ms Bella Wu**  
Event Coordinator  
(Students Promotion)



# HKIE-YMC 2018/2019 Chairman's Message



Ir TANG Whai Tak  
HKIE-YMC Chairman,  
Session 2018/2019

It has been another successful year at the Hong Kong Institution of Engineers – Young Members Committee (HKIE-YMC). Under the theme “Step Out • Step Up”, we have strived to make HKIE-YMC a platform for our young members to explore and discover their potentials as we prepare ourselves for the changes around us.

As the HKIE-YMC, we strive to better serve our members. With around 8000 student members, 7900 graduate members and 1700 corporate members under the age of 35, we are a diverse community. We endeavour to connect with them. We continue to provide technical seminars / visits covering a wide spectrum of engineering disciplines. To prepare our graduates for the major change in Professional Assessment, we organised briefings covering various disciplines regarding the new Competence-based Approach. To groom our future leaders, we have put more emphasis in engaging students in all our activities. Understanding our members’ needs, we have enhanced our communication channels on social media and launched webinars – introducing new participation modes.

Engineers are here to serve the community. Through a series of heritage tours, we took our members to learn the historical and religious treasures within the city. Our visit to TVB shed light on how to upkeep with the pulse of current affairs and stay in touch with the public. Our volunteers also reached various sectors of the society, including the elderly, the underprivileged, abandoned animals and stepped up our efforts in protecting the environment. With our long-term partner, Boys' & Girls' Clubs Association of Hong Kong, our STEM workshop was proven popular with primary school students in raising their interest in engineering.

We live in a rapidly evolving world; as engineers, we drive the change. It is therefore important to locate ourselves on the map. Stepping out of Hong Kong, our delegation trips to Inner Mongolia and Chengdu studied the energy sector, applications of rare earth metals and natural disaster management in mainland China. To develop global views, we brought young engineers to Israel to learn the start-up nation's way of melding innovation, infrastructure and investment together. Closer to home, we visited neighbouring Shenzhen and Huizhou about the burgeoning 5G communications technology and Hong Kong's manufacturing industry in Guangdong Province. We gained deeper insights into the Belt and Road and Greater Bay Area initiatives, and explored ways to strive for breakthroughs.

Over the years, the HKIE-YMC has cemented its position as one of the most prominent bodies for young professionals in Hong Kong. With our continued participation at the Young Engineers of ASEAN Federation of Engineering Organisation (YEAFEO) conference, we have enjoyed a strong presence in Asia. Seeing that our goals are aligned, the HKIE-YMC took the initiative to launch the first-ever International Young Engineers Exchange (IYEE). We invited seven young engineering bodies to Hong Kong to share the latest development of innovation and sustainability. It is hoped that we can create synergy amongst the future leaders of Asia-Pacific's engineering field as we tackle the future challenges together.

The HKIE-YMC will soon come to its 35th year. With the support of a strong team of Committee members and helpers, we will continue to build on the magnificent foundation that our predecessors had laid and, in doing so, bring upon **New Perspective, New Momentum**.

Expertise is built on experience, and experience is built on exposure. We are glad that the HKIE-YMC has been the one to hold the door for our young members as we Step Out to explore together and Step Up in leading the way to a smarter tomorrow.

# Highlights of 2018/2019



International Young Engineers Exchange  
YMC Retreat Camp cum Strategic Meeting  
內蒙古自治區工程文化考察團  
成都地質災害防治工程與文化保育考察團



Overseas Delegation 2019 to Israel  
Exploring the Greater Bay Area Series  
One Day Seminar on Contract Management  
CAFEO 36 / YEAFEO 25 in Singapore



## YMC Retreat Camp cum Strategy Meeting

As YMC, we always strive to improve our services, more accurately address the needs of young members and align our visions for preparing for the future. With new members joining the Committee, a new initiative was formed – a 2-day-1-night retreat camp for the Committee was organised in July 2018, during which team building exercises among the committee members were conducted and a workshop was held to formulate strategies for delivering long term goals of the YMC.

The camp was held over the weekend of 7 – 8 July 2018 at the Lady MacLehose Holiday Village in Sai Kung. Guided along the HKIE Session's Theme “New Perspective New Momentum” and YMC Session's Theme “Step Out • Step Up”, the objectives of the retreat were as follows:

- To allow the new YMC committee to form a coherent team;
- To share views on defining the YMC; and
- To identify means to strengthen the activities organized by YMC for its members.

Led by the Chairman, the organising committee consisted of newly-elected committee members, who were able to bring new perspectives and fresh ideas. We also appreciated our observers acting as facilitators throughout the camp, who could provide objective views and feedback.

### Team Building

A series of activities was arranged to allow members to Step Out and get to know each

other, appreciate the different roles in a team, create synergy among members and, thus, sustain the collaborative culture in completing tasks throughout the new Session.

To create a coherent team, the activities highlighted the following aspects:

- Cooperation and collaboration;
- Communication;
- Empathy; and
- Mutual trust.

### Value Setting

Under the Chairman's Year Plan for the current Session, one of the initiatives is to Step Up and enhance YMC's services by better understanding the changing needs of the new generation of young engineers. A workshop was designed to draw out and, hence, align the different interests represented among the committee (e.g. membership grade, discipline, work nature). Members were invited to share views on defining the YMC and identify means to

strengthen activities.

### Outcome

The discussions clearly differentiated the needs of the different classes of members. While students desired more advice on job applications and career paths and graduates required knowledge enhancement and development of soft skills, corporate members looked for advancement on management skills and global awareness. Against this framework, a detailed action plan was formulated with particular emphasis such as revamping our social media platform and facilitating more in-depth discussion on topical issues among members. With effective and more focused actions, we have achieved 50% increase of people following us on social media, overcome technical issues and launched webinars, organised more trips suitable for different membership grades, and hosted an international exchange forum in Hong Kong attended by a total of 8 participating regions.





## International Young Engineers Exchange - Gear Towards the Future: Innovative and Sustainable Cities

In order for our young members to gain global views on the engineering profession and to extend our network to foreign young engineers, the YMC organised the International Young Engineers Exchange (IYEE) with the theme "Gear Towards the Future: Innovative and Sustainable Cities" from 25 to 27 April 2019. As the host of the event, we welcomed young engineers from seven regions including Japan, Macau, Malaysia, the Philippines, Singapore, South Korea and Taiwan.

To showcase the engineering practices and the latest technology developments in Hong Kong, we organised full-day technical visits for the overseas delegates. During the visit to the construction site of a housing development in Diamond Hill, the delegates learnt about the latest issue of housing supply in Hong Kong. In addition, they

appreciated the challenges for the construction works in urban area and observed the use of modular construction to tackle the challenge. The delegates also explored the InnoZone of the Electrical and Mechanical Services Department and tried out the latest application of innovation and technology such as the use of virtual reality (VR) and augmented reality (AR) for training engineers and technicians. In the afternoon, they received tours at the West Kowloon Cultural District learned about the planning strategies of the cultural complex and had a ride on the autonomous cars. They also paid a visit to West Kowloon Station of Express Rail Link to learn about the development of high speed railway in Hong Kong.

On 27 April 2019, the IYEE Forum was held at the Hong Kong Polytechnic University. In the first part of the forum, three distinguished



speakers from the industry, Ir Alfred SIT, Ir Alex KWAN and Ir Vincent TAM were invited to deliver speeches on the application of innovative techniques and the keys for young engineers to gear up towards a successful career. In the second part, representatives from Japan, the Philippines, South Korea and Singapore shared the experience in tackling engineering challenges in their home countries with innovative and sustainable solutions. In the subsequent discussion panel, with the use of a real-time online Q&A system, the Chairman of the YMC, Ir TANG Whai Tak and the visiting delegates discussed enthusiastically the topics raised from the floor regarding engineering challenges and solutions. A poll was also conducted to collect the audience's opinions towards the engineering industry and their careers. In the afternoon, a summit meeting was held to discuss institutional affairs in different organisations. We also exchanged opinions on the working cultures in different parts of the world.

Apart from the technical visits and forum, the delegates enjoyed the networking activities



organised by the YMC. On the first day, the delegates received a warm welcome from the YMC and had a traditional Chinese dinner before going on a stroll at the Avenue of Stars in Tsim Sha Tsui. On the second day, the YMC hosted a tram party during which the delegates experienced the spectacular night views on the Hong Kong Island while riding on the historical transportation system. On the third day, the delegates attempted to make the largest human image of spanner with Hong Kong engineers, followed by a networking lunch. The occasion enabled the delegates to mingle with Hong Kong engineers and have in-depth discussions.

The IYEE was a fruitful three-day event to both foreigner and local engineers. The programme was highly rated by the delegates who looked forward to future collaboration with the YMC. As for the young engineers from Hong Kong, it is believed that they not only "stepped out" and gained international exposure, but also "stepped up" to gear up on the knowledge of innovative and sustainable developments.



Innovation, infrastructure and investment are the key drivers of a city's development. Innovation creates new technology and better solutions to tackle social and environmental challenges, and infrastructure provides the essential facilities to serve the basic needs of society and enable the access of information. While innovation and infrastructure supports the development of each other, they require a strong ecosystem to support their activities through investment in education, facility and the industry.

With the theme of "Innovation • Infrastructure • Investment", the HKIE-YMC and the Continuing Professional Development Committee jointly organised a delegation to Israel. Israel has applied many innovative technologies to overcome the country's challenges and enhance the quality of people's life. She has a thriving start-up culture and has attracted a number of investment and partnerships in high-technology industries. The aims of this delegation were to study Israel's advanced

## Overseas Delegation 2019 to Israel - Innovation • Infrastructure • Investment



technology and startup ecosystem and their potential applications in Hong Kong, as well as exploring how Hong Kong shall be developed to become a smart and innovative city.

The delegation was a year-long study that included literature review, a series of local seminars and visits in relation to the theme and a 9-day trip to Israel. We were honoured to have 5 distinguished advisors including the President to provide valuable advice for our study, and 16 young engineers from various disciplines to conduct this study together.

We visited a total of 15 organisations in Israel. At the government level, we visited the Ministry of Economy and Industry and Israel Innovation Authority to discuss various policies and the government roles in supporting entrepreneurship and foreign investment. In the private sector, we visited Sorek desalination plant, Stratasys and the Center for Israeli Innovation to appreciate Israeli seawater reverse osmosis desalination, 3D printing medical prototyping and other state-of-art technology in health, science, safety and security, agriculture, space and transportation. We went to two start-up platforms, The Floor and Contech, to exchange information about the Fintech and construction development in Hong Kong and Israel. We also visited the Yissum Research Development Company of the Hebrew University, Grove Ventures and a number of start-ups to investigate the roles of technology transfer, private investment and entrepreneurship in Israeli start-up ecosystem and their opportunities and challenges.

In addition to the in-depth study, the delegation also provided an opportunity to foster international relationship. We visited the



Association of Engineers, Architects and Graduates in Technological Sciences in Israel and met with its president and other members to exchange our views on institutional affairs and explore collaboration opportunities.

To conclude the study, the team will publish a report and hold a debriefing seminar to share their insight with members of the HKIE in July.



## CAFEO 36 / YEAFEO 25 in Singapore

To broaden our young members' horizons in engineering profession and to establish long-term partnership with young professionals from other countries, YMC has been a participant of Conference of ASEAN (Association of Southeast Asian Nations) Federation of Engineering Organisation (CAFEO) and Young Engineers of ASEAN Federation of Engineering Organisation (YEAFEO).

CAFEO 36 has set the theme "Engineering Rail Connectivity & Fostering Excellence in Engineering Education" for the conference this year and the delegates discussed the pertinent issues and trends that were impacting rail engineering in the region, as well as the design and delivery of top-quality educational programmes for multidisciplinary engineers and technicians.

Among the various conferences and meetings, the delegates joined the Country Report session and the 25th YEAFEO Governing Board Meeting. Echoing the theme of CAFEO 36, delegates introduced the challenges and opportunities for the railway development in Hong Kong. They concluded by sharing the areas for future focus including education, efficiency and community. They also joined the Board meeting as an observer to the discussion of amendment to YEAFEO regulations, setting up of database for the young members and other institutional issues.

The delegates were honored to be invited to attend a meeting with Tun Dr. Mahathir, the Prime Minister of Malaysia. Our chairman, Ir Tak TANG was invited to join the ceremony and it was a precious opportunity for Hong Kong to be invited as a guest.

The delegates joined various technical visits, including the Tuas Port, Singapore City Gallery and Gardens by the Bay. The visit to Tuas Port featured one of the largest construction projects in Singapore, Tuas Terminal Development. The Resident Engineers highlighted that one of the challenges was to minimize differential settlement in order to accommodate the automated cranes which required high precision. The delegates also visited the Singapore City Gallery, which documented Singapore's physical transformation in the last 50 years to become "one of the most liveable cities in Asia" and showcased its broad approach in town planning. They also visited Gardens by the Bay, which was a nature park located on the reclaimed land by the Marina Bay demonstrating the "city in a garden" concept.

Apart from the visits, they attended the plenary session of Singapore Rail Technology

Conference and "Start-up Challenge" Workshop. They had a chance to practice Business Model Canvas to solve real-life problems. It was interesting to observe new ideas among the talents. By analyzing the existing situation step-by-step, they were able to pinpoint the underlying problem. It was regarded as a valuable lesson by the delegates.

CAFEO 36 and YEAFEO 25 were a valuable experience for professional engineers, especially young engineers. The four YMC delegates have gained exposure in attending international of different countries together. We celebrate the long-term relationships between Hong Kong and ASEAN countries, acquired engineering knowledge from other countries, enhanced communication skills. Furthermore, it has broadened the delegates' global views and understanding of latest trends in fellow countries.





## 內蒙古自治區工程文化考察團

青年會員事務委員會於本年度銳意籌辦多元活動，鼓勵會員拓闊視野，提升專業知識。有見內地科技發展蓬勃，我們於 2018 年 8 月 26 日至 9 月 1 日率領了一行 24 人的代表團到內蒙古自治區進行七天的考察，並以「能源・工業・歷史・文化」作主題，讓青年會員藉此建立對內地工程和文化的認識，及與當地業內人士交流。

行程的第一站是包頭市。透過參觀稀土展覽館及包鋼集團的鋼鐵鑄造過程，令大家充分體會名副其實的「草原鋼城」、「稀土之都」。除此以外，考察團隊也到了五當召及賽罕塔拉生態園，加深了對藏傳佛教及草原生態的認識。

考察團第二站是有「中國乳都」之稱的呼和浩特市。該區風力及太陽能資源充足，為發展再

生能源的理想地點。考察團針對以上特點，特意到了蒙牛工業園、輝騰錫勒風力發電場及華盛綠能光伏農業科技示範產業園考察，令團員深入了解各個企業在其領域上的產業化和國際化過程中的機遇。為了掌握更多數碼化及大數據的應用，考察團也參觀了呼和浩特雲計算信息園。從中，團員了解到數碼及科技如何為乳業帶來更大的裨益／經濟效益。

除了在工程與科技方面的交流，呼市有著悠久的歷史和光輝燦爛的文化，故考察團也到了著

名的昭君墓、黃花溝地質公園及大召無量寺，團員對和親、環境保育及寺廟文化有更深的體會。

是次考察團得以圓滿成功，承蒙中聯辦、中國科協等各機構的鼎力支持；加上團友們全情投入的參與，令整個考察更加精彩。我們在 2018 年十月下旬已舉行簡報會分享此行心得；詳細的考察報告已上載於本會網頁供會員閱覽。



## 成都地質災害防治工程與文化保育考察團

本屆青年會員事務委員會致力為會員提供外訪的機會，走出香港，建立新視野。自 2018 年 8 月參訪內蒙古，了解當地在能源和工業的發展後，適逢汶川 5.12 地震十周年，11 位青年會員包括數位學生分部委員於 2018 年 10 月 25 至 28 日到訪四川，探討兩地對地質災害的防治與應對工作，見證兩地多年合作重建的成

果，以及到著名的水利工程和文化保育區作深入考察。

是次活動與岩土分部合辦，並與土木工程拓展署的代表團同行。團員先到訪四川大學－香港理工大學災後重建與管理學院，了解災害醫學、工程與應急管理。隨後團員參觀張家坪治





理工程，探究泥石壩的設計和建造。考察團其後到訪汶川縣映秀鎮，親歷到地質災害的震撼和對社區造成深遠的影響。

考察團出席了在成都理工大學舉辦的「香港地質災害防治成就展」開幕典禮，是土木工程拓展署和四川省國土資源廳合辦的首個長設展覽，介紹近年川港對地質災害管理技術交流和合作。團員及後到「地質災害防治與地質環境保護國家重點實驗室」參觀了泥石流試驗槽、離心機和虛擬實景實驗室等設施。我們的青年



會員並與 15 名成都理工大學的學生就兩地機遇及挑戰、智慧城市s的發展和對工程師的看法作討論和交流。

在文化保育主題方面，考察團參觀了世界遺產項目都江堰——無壩引水的灌溉工程。行程更包括到活化寬窄巷子為川劇和休閒建築群的項目、成都大熊貓繁育研究基地認識對瀕危野生動物保護和在武侯祠追思三國歷史。詳細的考察報告亦已上載於委員會網頁以供閱覽。



## One Day Seminar on Contract Management

The construction industry is complex and multi-disciplinary. To facilitate the successful delivery of projects, it is essential for professionals to acquire knowledge on the

contractual side and keep track of the latest developments. Building on the success of previous sessions, the YMC joined hands with CIarb-YMG, CIBSE-YEN, HKIS-YSG

and ICE HKA G&S to deliver a series of seminars on contract management on 6 April 2019.

To promote collaboration amongst stakeholders within the industry, Hong Kong embraced the New Engineering Contract (NEC) and Building Information Modelling (BIM) in recent years. Understandably, there would be a learning curve for the industry to adapt to the changes, and ambiguities may emerge during the transition. If ambiguities could not be clarified and agreed, disputes would arise and litigation might be required to resolve the disagreements. Therefore, the industry has made efforts to make contracts fairer and more just, and promote the use of alternative dispute resolution mechanisms such as arbitration.

On NEC contracts, our guest speakers reminded us that the programme is the beating heart of NEC, and that prevention is better than cure. The common areas of dispute included the assessment of compensation events, the interpretation of Schedule of Cost Components, the accepted programme and the subcontracting process. Therefore, timely updating of the programme, observance of the requirements of the period for reply, and making good use of the early warning mechanism would be crucial.

Depending on the needs of different employers, it was suggested that BIM contract conditions could be incorporated as part of the special conditions of contract, or executed as a supplemental agreement. Regardless of the arrangements, our speakers recognized the lack of precedents in BIM-related disputes, and advised that the design liability, insurance and ownership must be clearly defined in the contract conditions. Acknowledging disputes could lead to payment issues, the security of payment legislation and third-party funding were proposed to improve the cash flow in the supply chain and facilitate the dispute resolution process. With these changes underway, it is hoped that innovation and professionalisation could be brought to the industry as we advance into a new era.





## Exploring the Greater Bay Area Series

With the Greater Bay Area initiative, there will be closer cooperation between Hong Kong engineers and our counterparts from the major cities within the area. With a view to help young members to locate ourselves on the map, the YMC has encouraged our young members to step out and build up global views through a series of trips to explore the opportunities offered by the Greater Bay Area and learn more about our neighbours.

As such, the YMC organised visits to some remarkable engineering enterprises in December 2018 and March 2019. They provided the opportunities for the young members to gain a better understanding of the latest technological development as well as the local business environment.

On 15 December 2018, the YMC visited the headquarters of Huawei Technologies Co., Ltd. in Shenzhen to learn about the innovative technologies, particularly in relation to applications for safe and smart cities.

Huawei had developed full-area wireless positioning technology with high locating ability of personnel and goods regarding citizen's safety. The refinement of the technology would allow a variety of

interactions and assignments to be made with the incorporation of "Internet of Things" (IoT). Upon the visit, Huawei also showcased highly adaptive cameras. They were engineered with wide dynamic range capability that made them particularly useful in capturing clear images in urban environment. These engineering technologies have certainly demonstrated the significance of innovation in contributing to a safe city.

There is also much emphasis on the efficiency of data usage, transmission and storage as the foundation of a smart city. In order to improve network connectivity, Huawei also devised solutions that gives users a high-speed internet experience even in a highly crowded environment. On traffic engineering, Huawei demonstrated offered by the Greater Bay Area and learn more about our neighbours.

Through this visit to Huawei with various cutting-edge engineering solutions, participants are inspired that many possibilities lie in our hands as engineers to design and build smarter in this era of big data and IoT.

On 9 March 2019, the YMC paid a visit to the production base Ka Shui International

Holdings Ltd. in Huizhou. Ka Shui is a Hong Kong enterprise which specializes in metal casting and plastic injection moulding and supplies products to electronics, automobile and household companies. It is one of the Original Design Manufacturers which designs and manufactures the product according to the client's needs.

Upon arrival in Huizhou, we were welcomed by Ir Norman CHAN, Director of Enterprise Development. He introduced the common processes of metal die casting by showing us the production line. Throughout the visit, he explained the comparative advantage of Hong Kong manufacturers in the mainland in terms of product design, quality control, process optimisation, management and research and development. For example, while automation undoubtedly would enhance efficiency, it is crucial to strike a balance between full automation and the use of labour. Understanding that automation would be costly and may decrease the yielding rate of the manufacturing process, Ka Shui focused on the processes involving high risks in terms of safety and quality, and employed non-skilled labour for less complex processes such as transfer of materials between

production lines.

Ir CHAN also briefly introduced the concept of Industry 4.0, which relies heavily on data collection and analysis. In the production lines of Ka Shui, real-time sensors were installed to gather data with regards to temperature, pressure and productivity. These data not only enhanced the completeness of information but also allowed optimisation in manufacturing patterns. With the potential use of artificial intelligence, enterprises may strengthen their competitiveness in the rapidly evolving market.

The visit was wrapped up with an in-depth discussion between representatives from Ka Shui and the delegates. Through the discussion, the delegates understood that the concept "Greater Bay Area" could be beneficial to the manufacturing industry due to less stringent requirements in employment, taxation and business running. It was envisaged that Hong Kong manufacturers would sustain their comparative advantages within the "Greater Bay Area" by continuing to deliver quality products with vast efficiency.



# Working Group Reports



Students Promotion

Publicity and Webmaster

Seminars

Graduates Promotion

Community Services

Non-technical Programme

Special Events

Sports and Recreation

Public Relations

Human Resources

Visits

Social, Culture and Arts



## Students Promotion Group

Students Promotion Group (SPG) aims to cultivate young engineers among the tertiary education for our future, meanwhile maintains a close bond with the HKIE Student Chapters (SCs) at local institutions.

To provide an interdisciplinary platform for career development of the young engineers, the two-day-one-night Leadership Training Camp is organized as a signature event for SPG every year. The camp was prepared by a dedicated group of young engineers,

*“to cultivate young engineers among the tertiary education for our future”*

providing learning activities for students and graduates to team up with each other and

explore their potentials through interactive activities. With the theme of “Breakthrough”, the participants could step out of their comfort zone and step up as a future leader in the friendly competitions. An evaluation session was provided for them to review their team strategy and decision-making process. The camp could allow them to break through their limits and be motivated to take up challenges ahead.

SPG has been linking SCs with the Institution by providing support and advice in joint functions for years. The Engineers’ Night was successfully held in March. Over 120 students were given opportunities to meet engineers gaining better understanding about the workplace and career development. Most importantly during the organizing process, SPG had been guiding students to identify their strengths and talents so as to collaborate with people from different walks of life. SPG would continue to bridge YMC

and student members in order to broaden their horizons among the engineering profession and enhance their sense of belonging to the HKIE.

## Graduates Promotion Group

Aiming to assist our graduate members towards the route of becoming a professional engineer, Graduates Promotion Group (GPG) has organized a series of seminars and workshops for our young members.

In this session, the HKIE Competence Standard for Professional Engineers (Corporate Members) and the Competence-based Professional Assessment was launched. In order to let our young members to know more about the new approach of assessment, we have cooperated with the Working Group on the Competence-based Project to organize two briefing sections.

*“to assist our graduate members towards the route of becoming a professional engineer”*

Following the success of previous years, the “Young or Ready Series”, has been continuously organized this year to give guidance and skills to the young members for well preparation of the professional assessment in corresponding discipline. We were honored to have the support from Civil Division, Environmental Division and Mechanical, Marine and Naval Architecture division this year. As soft skills form an integral part of a young engineer’s



development, “Essential Skills to become ‘Ir’” Series have been organized to enhance the effectiveness of their speaking and writing, strengthen the core competent of our young engineers. We have received lots of positive feedbacks from the participants mostly about the new learning from the workshop of which they were impressed.

## Seminars Group

The Seminars Group (SG) organised several technical sharings to enhance engineering knowledge for our young engineers. In September, through the seminar namely "Remarkable Condition Monitoring and Assessment of Power Transformers in Asset Life Cycle Management", a better understanding was provided on condition monitoring and assessment engineering, big data management and applications in Power Systems. By end of November, a technical seminar on "Tseung Kwan O Desalination Plant" was successfully held to share the technical issues and concerns on applying technologies to perform desalination for one of the new water sources to be implemented under WSD's Total Water Management Strategy.

To echo the smart city movement recent years, a seminar of "Smart Metering Development" was arranged to let our young engineers aware the integration of smart metering technology is quickly becoming a common feature for providing higher levels of energy efficiency, reliability and sustainability.

*"to enhance engineering knowledge for our engineers"*

More than that, to encourage our young engineers to understand "The Lantau Tomorrow Vision" project, we provided a platform to speaker and audiences exchange opinions on land and housing issues within "Lantau Tomorrow Vision" seminar held in late February.

Besides technical matters, our young engineers are provided with opportunities to learn what evaluative mediation is and how it relates to construction industry in the seminar on "Evaluative Mediation in Construction Disputes".



## Visits Group

The Visits Group (VG) is always devoted to provide a platform for our young members to gain knowledge through on site experiences and interactions with professionals. We hope to stimulate young members' ingenuity by technical visits covering heated engineering topics, innovative technology applications and latest construction developments, etc. Through these technical visits, young members can STEP OUT of their scope of work and understand how different engineering disciplines work together to provide solutions.

This year, we have visited a wide range of

engineering facilities including: CLP Black Point Power Station, Wo Lee Ping Che Steel Fabrication and Distribution Centre, Hong Kong Air Cargo Terminals Limited, Hong Kong Science Park, Waste Electrical and Electronic Equipment Treatment and Recycling Facility (WEEE.Park), K Wah Construction Products Limited Recycling Workshop, DSD Happy Valley Underground Stormwater Storage Scheme, Shatin Sewage Treatment Works, and Tung Chung New Town Extension - Reclamation and Advance Works, etc. In each visit, our members actively participated in the tour and initiated discussions with the host organizations for information exchange and brainstorming new ideas.

*“to gain knowledge through on site experiences”*

We have received keen responses from the participants, especially on the inspiring experience sharing from professionals and the showcase of innovative technologies adopted in various facilities such as the automated devices in steel fabrication and VR demonstration in stormwater storage, etc. We hope our members could STEP UP after each visit and gain new learnings throughout the year. VG will continue to bring in new elements to enrich members' experiences, and get them well prepared to face the fast-changing industry.

## Non-technical Programme Group

To be an all-rounded engineer, apart from engineering knowledge, the Non-Technical Programme equipped young members with essential skills by organizing activities on general professional matters and professions other than engineering.

Financial management skills are essential for us to meet the planned financial goals. A Workshop on Financial Management was organized to introduce the necessary skills and attitudes in managing finance. Besides, it is our honour to invite a famous financial blogger, who is also a civil engineer, to share the basic concepts of investment and the competitive edge engineers have in financial management.

*“To equip young members with essential skills by organizing activities on general professional matters and professions other than engineering”*

Through learning the principles of Enneagram, we can have a better understanding of our own strengths and weaknesses and minimize unnecessary misunderstanding in workplace. Moreover, developing a habit of effective thinking can enhance our efficiency at work. This year, we organized a one-day workshop to introduce the elements of critical thinking for solving problems effectively. With more collaboration with the Mainland China, we continue organizing a 4-lesson Putonghua workshop, in order to enhance our members' language proficiency.



## Community Services Group

In the session of 2018/19, the Community Service Group (CSG) has delivered volunteering service to a wide spectrum of people in need; covering from primary school kids from low-income families to middle-aged homeless people to the elderly who live alone. In order to enhance our service coverage, CSG worked closely with our NGO partners, such as Yang Memorial Methodist Social Service, St James settlement, BGCA and Peiho, and attempted our tailor-made services to suit for engineers. We hope our events allow our members to see our community from another angle, and enrich their experience.

*“to deliver volunteering service to a wide spectrum of people in need”*

From the beginning of this session, CSG set kids from low-income families as our primary target. It is our third session organizing the 3-day project, “Brighten the Children’s Home” with St. James Settlement and we had served 25 families in Sham Shui Po by improving their living conditions. We also organized a STEM workshop for the “BGCA Caltex Project – Fuel Your School”, which attracted approximately 110 students from 9 schools to participate, and successfully achieved the model bridge challenge with assistance of our young engineers.

CSG also organized a volunteering service to House of Joy & Mercy, an animal caring centre, where housed





approximately 70 numbers of abandoned animals. This opportunity allowed our members to know further about the situation of pets being abandoned in our city.

## Sports and Recreation Group

Sports and Recreation Group (SRG) continues to bring to our Registered Young Members (RYMs) healthy living through enjoying sports, competition and recreation activities. Through these activities, we also provide a platform for members from various background to mingle and share their experience with each other. Here's not all but a few examples:-

Our tour at Hong Kong UNESCO Global Geopark remains the flagship event of this group. While the Accredited Geopark Guide gave us a professional tour on the geology of Hong Kong and the significance of the geoheritage for the world, we also stretch ourselves through a leisure hike of the high

Island, exploring the Hakka tradition as well as embracing the scenic view at Pak Lap Wan.

Moreover, to support the Construction Industry Council (CIC), the YMC continues to represent the HKIE to participate in the Construction Industry Sports Day. Our RYMs continue to fly high in the race and won a remarkable 2 silvers and 3 bronzes against other strong competitors.

*"to bring to our Registered Young Members healthy living through enjoying sports, competition and recreation activities"*

As our long term partners, we continue to collaborate with the Green Council to be the technical advisor in the 18th Creative Eco-Model Tournament at the 16th Green Carnival. This year, students exercise their creativity and STEM knowledge to build a rubberband car to carry recycled battery cells to test the loading capacity of their model



car. Both the participating RYM and the students enjoyed the tournament very much.

To enhance the connection between our RYMs, we have jointly organized a tasting session of dragon boat with the HKIE dragonboat team. Despite the rainy weather, our RYM had demonstrated our passion and teamwork to drive around the shoreline of Tseung Kwan O.

All in all, it has been a fun session of energetic activities for our RYMs. The SRG would continue to bring to our RYM a healthy living lifestyle alongside their professional development.

## Social, Culture & Arts Group

This year the Social, Culture & Arts Group (SCAG) focus on leading our members to step outside from office and lecture room, walking into lanes and alleys in our fast-paced city in discovering forgotten heritages and untold stories of the society, and to rethink engineers' identity under unstoppable waves of city development.

In Autumn, we went to Wan Chai district in recognising the declining traditional business and grassroot industries like smithy workshops, commerce printing and insignificant workshops of waste paper recycling, to catch a glimpse on the mortal wisdom invented by locals in order to survive their struggling lives.

*"To discover forgotten heritages and untold stories of the society"*

We then went exploring Hung Hom, the cradle of many engineering practitioners, and where heavy industries and factories were densely built in old days. We walked through streets which named after engineers who made great contributions, and located the





disappeared Whampoa Dockyards and Hok-  
Un Power Station.

Before the cold winter ended, we revisited Wan Chai after nightfall, and walked by historical buildings like Nam Koo Terrace and St. Luke's College. To dig out the truth behind the spiritual legends, and to understand the importance of preserving cultural old buildings in an alternative and extraordinary perspective.

## Public Relations Group

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.

The YMC was pleased to receive a group of students from the Delft University of Technology (TU Delft) on 11 July 2018. It provided a valuable chance to get an update on the Netherlands, where the YMC had led a delegation to in 2015 in studying water and waste management — as one-third of its territory is below sea level. We exchanged views on future development and common challenges, and how both places strive to build a smarter tomorrow.

An annual highlight event is the Joint Society Christmas Party, organized by young groups of various engineering institutions. Young engineers came as their favourite spy under the theme "SPY Alliance - The Secret Mission" and worked together to complete their secret mission. The organizing committee spent many hours brainstorming creative ideas and were delighted that the event was enjoyed by all.

YMC had the unique opportunity to visit the TVB Newsroom, a prominent part of daily life for many Hong Kong citizens, the understand the challenges in news reporting on television from the Director of TVB News, Mr. YUEN Chi Wai. We got a rare glimpse of the behind-

the-scenes 24-hour works that is required to keep Hong Kong citizens informed about the world in a matter of seconds.

*"Public Relations ... is about public engagement and collaboration ..."*

Public Relations are more than media relations; it is about public engagement and collaboration of various elements, the most important of which is the people. With the coalition from all young engineers and professionals, PRG will become a more lively and dynamic environment to continue providing our members an excellent platform to extend their network and broaden their views.



## Publicity and Webmaster Group

Publicity and Webmaster Group (PWG) aims to deliver timely information from YMC to our young members, information including activities organized by and supported by YMC, and keeping members updated on YMC's latest development. Hundreds of events including seminars, visits, workshops, and delegations, have been promoted to our young members through different channels. In this session, PWG continues to serve the purpose of promoting different events.

Majority of the events are usually promoted through the YMC homepage (<http://ymc.hkie.org.hk/>) after the discontinuance of the Pinkpage in "Hong

Kong Engineer". It provides updating news and latest events to our young members. Members can simply register any YMC events that they are interested in through our online enrollment platform. Besides, members can easily have our updates through publication on the HKIE eNewsletters system and the HKIE Mobile Apps. You will find a list of fruitful and exciting events from above platforms.

*"deliver timely information from YMC to our young members"*

Apart from event promotion, activity reports are also published in the "Hong Kong Engineer" to report the activities and share the findings to the members. Members are encouraged to submit the activity reports after joining the events and we will assemble

The screenshot shows a Facebook page for 'The HKIE Young Members Committee (HKIE YMC)'. The page has 114 posts, 324 followers, and 242 following. The cover photo features a group of young professionals. The bio reads: 'Science, Technology & Engineering ymc.hkie.org.hk/ 1 Great George Street, Causeway Bay 78 profile visits in the last 7 days'. The page has 5 out of 5 stars. The navigation bar includes Home, Posts, Videos, Reviews, Photos, and Events. Below the navigation, there is a 'Community' section showing 1,346 likes, 1,392 follows, and 16 check-ins. A post from 'Regis Chee, Ambrose Chen and 245 other friends' is visible.

them for the publication of the reports.

Community social media helps on getting the views from members, and therefore YMC is having Facebook (fb.me/HKIEYMC) and Instagram (@hkieymc) pages to enhance our communication with our members. Don't forget to follow us and give us a "LIKE" or leave us feedback on our Facebook and Instagram pages!

## Human Resources Group

Human Resources Group (HRG) would like to first give a big shout-out to our group of helpers who have provided continuous support on our YMC events throughout the session. It was a fruitful session for the HRG with about 30 newly recruited members and 3 major events organized for our YMC committee members.

As a kick-off, a 2 days 1 night retreat camp was organized to build up collaborative relationships amongst committee members and to set goals for YMC. The weekend was well spent with a series of activities and workshops for ice breaking, team building and value-setting.

*"to give a big shout-out to our group of helpers who have provided continuous support on our YMC events throughout the session"*

To celebrate the festive season amongst the YMC committee, the HRG was delighted by

the presence of the Council members Ir Edwin Chung and Ir Francis Cheng to join our Christmas party. I would like to thank our committee members for making a successful and enjoyable party from helping out on groceries shopping, food preparation for barbequing.

In February 2019, the HRG organized a gathering dinner with Forever Young Alumni (FYA) to celebrate the Chinese New Year. Not only did we have a wonderful night with good food, good drinks and new friends, but most importantly, the bond between YMC committee members in the current and past sessions was strengthened.

Lastly, if you are interested in joining the YMC family, scan the QR codes at the back of this booklet and send a message to let us know!



# ACTIVITIES LIST OF SESSION 2018/2019

Date	Event	Co-organiser(s)	Speaker(s)/ Guest(s)
11-Aug-2018	Joint Professional Event: Handmade Candle Class	CIArb - YMG, CIBSE-YEN, HKIS-YSG and ICE-HKA-G&S	-
26-Aug to 1-Sep-2018	內蒙古自治區工程文化考察團	-	-
11-Sep-2018	Technical Seminar: Remarkable Condition Monitoring and Assessment of Power Transformers in Asset Life Cycle Management	-	Ir CHAN Yan Tim
15-Sep-2018	Elderly visit - Mid-Autumn Festival	Yang Memorial Methodist Social Service	-
22-Sep-2018	Technical Visit to CLP Black Point Power Station	-	-
27-Sep-2018	Young or Ready Series: A Route to become a Professional Mechanical Engineer	MMNC	Ir LEE Chee Kwan
28-Sep-2018	Technical Seminar: Evaluative Mediation in Construction Disputes	AMC, CAD, and EVD	Dr .CHEE Wai Hung Simon
30-Sep-2018	Volunteering Service and Visit to Animal Caring Centre	House of Joy & Mercy	-
21-Oct-2018	Construction Industry Sports Day and Charity Fun Day 2018	CIC	-
22, 29-Oct, 5, 12-Nov 2018	工程普通話工作坊	CPDC	-
22-Oct-2018	Workshop on Professional Writing - Essential Skills to become 'Ir'	CPDC	Ir Dr. CHAN Fuk Cheung
25 to 28-Oct-2018	成都地質災害防治工程與文化保育考察團	GED	-
27-Oct-2018	Technical Visit to Wo Lee Ping Che Fabrication and Distribution Center	-	-
31-Oct-2018	內蒙古自治區工程文化考察團分享會	-	-
6-Nov-2018	Workshop on Presentation Skills	CPDC	Ms. Grace CHEUNG
10-Nov-2018	Workshop on Business Etiquette and Attire	CPDC	Ms. Angel PANG
10-Nov-2018	Technical Visit to Hong Kong Air Cargo Terminals Limited	CHAAE	-
17-Nov-2018	Heritage Tour - 舊灣仔奮鬥史 x 本土「手作仔」工業	CPDC	-
24-Nov-2018	Joint Professional Event: Minibus Signboard Workshop	CIArb-YMG, CIBSE-YEN, HKIS-YSG and ICE-HKA-G&S	-
29-Nov-2018	OD2019 Series: Technical Seminar on Tseung Kwan O Desalination Plant	CPDC	Ir Thomas CHAN and Dr. Srinivas (Vasu) VEERAPANENI
1, 8, 15-Dec-2018	Brighten the Children's Home 2018	St. James' Settlement	-
2-Dec-2018	Ecotour to Geopark - 世界地質公園火山岩園區及白腊探索之旅	CPDC	-
7-Dec-2018	Joint Society Christmas Party 2018: SPY Alliance - The Secret Mission	AES-YES, ASCE, ASHRAE-YMC, ICE HKA G&S, IET-YMS, HKIPE and IMechE-YMS	-
8-Dec-2018	Heritage Tour - 老紅磡發跡史 • 消失的電廠和船塢	-	-
8-Dec-2018	Workshop on Financial Management	CPDC	-
11, 14-Dec-2018	Briefing on Implementation of the Competence-based Professional Assessment	Working Group on the Competence-based Project	Ir Gary KO and Ir Colin CHUNG
15-Dec-2018	青年會員探索大灣區系列：華為技術有限公司	CPDC	-
19-Dec-2018	Soft Skills for Career Advancement and Career Coaching for Success	MID	Ms. Karen CHEUNG, Ir Richard TSE, Ms. Natalie WONG and Mr. Terence FUNG
22-Dec-2018	One-day Workshop – "From Thinking to Critical Thinking"	-	Ir Lewis HO
29-Dec-2018	Technical Visit to Hong Kong Science Park	-	-
5-Jan-2019	Leadership Training Camp – Breakthrough	CPDC	-
7-Jan-2019	Applied Enneagram in Workplace (九型人格)	-	Ms. Doro
16-Jan-2019	Technical Seminar on Smart Metering Development	-	Ir Sammy

Date	Event	Co-organiser(s)	Speaker(s)/ Guest(s)
19-Jan-2019	Technical Visit to WEEE - Park and K Wah Construction Products Limited Recycling Workshop	-	-
20-Jan-2019	Green Carnival 2019	Green Council	-
22-Jan-2019	成都地質災害防治工程與文化保育考察團簡報會	GED	-
26-Jan-2019	OD2019 Series: Technical Visit to Occasion Renewable Resources Company Limited	CPDC	-
26-Jan-2019	Heritage Tour – 「異靈一九」 • 鬼同你遊灣仔古蹟	CPDC	-
12-Feb-2019	Young or Ready Series: A Route to become a Professional Environmental Engineer	EVD	Ir Prof CF LAM
15-Feb-2019	Young or Ready Series: A Route to become a Professional Engineer in the Marine and Naval Architecture Discipline	MMNCD	Ir Ivan TUNG
16-Feb-2019	加德士 - 推動學校 18-19	BGCA and Caltex	-
21-Feb-2019	OD2019 Series: 揭開聖地面貌 - 以色列的歷史文化及其創科之路	CPDC	林卓峰教授、工程師
22-Feb-2019	Joint Professional Event: Wine & Cheese Pairing	CIArb-YMG, CIBSE-YEN, HKIS-YSG and ICE-HKA-G&S	-
23-Feb-2019	OD2019 Series: Technical Visit to Schneider Electric "Innovation Hub"	CPDC	-
24-Feb-2019	Visit to TVB Newsroom	-	-
25-Feb-2019	工程師 講投資	CPDC	止凡
27-Feb-2019	Seminar on Lantau Tomorrow Vision	EVD	Ir WONG Chi Sing Janson, JP
2-Mar-2019	青年會員探索大灣區系列(2) : 嘉瑞科技圍鑄模技術	CPDC	-
4-Mar-2019	OD2019: Technical Visit to HKTVmall's Robotic and Automated Pick & Pack System	CPDC	-
5-Mar-2019	Workshop on Presentation Skills - Essential skills to become 'Ir'	CPDC	Ir Barry LEE
11-Mar-2019	OD2019 Series: Technical Visit to The Bank of East Asia Limited "Innovation Centre"	CPDC	-
12-Mar-2019	OD2019 Series: Technical Seminar on Innovation in Construction Industry	CPDC	Ir Andy WONG
14-Mar-2019	OD2019 Series: Technical Visit to CoCoon - Community For Entrepreneurs & Incubator	CPDC	-
19-Mar-2019	Workshop on Professional Writing - Essential Skills to become 'Ir' (2nd Class)	CPDC	Ir Dr. CHAN Fuk Cheung
19 to 27-Mar-2019	Overseas Delegation 2019 to Israel - Innovation • Infrastructure • Investment	CPDC	-
23-Mar-2019	Technical Visit to DSD Happy Valley Underground Stormwater Storage Scheme	-	-
30-Mar-2019	Meal-boxes distribution to people in need in Sham Shui Po	Pei Ho	-
6-Apr-2019	One Day Seminar on Contract Management	CIArb-YMG, CIBSE-YEN, HKIS-YSG and ICE-HKA-G&S	Mr. Ivan CHEUNG, Dr. Paul HK HO, Mr. Andrew LAU, Mr. Owen LEE, Dr. Christopher TO and Mr. KW LEE
8-Apr-2019	OD2019 Series: Technical Visit to Hong Kong Productivity Council on "Industry 4.0"	CPDC	-
27-Apr-2019	International Young Engineers Exchange Forum	HK PolyU	Ir Alfred SIT, Ir Alex KWAN and Ir Vincent TAM
4-May-2019	Technical Visit to Shatin Sewage Treatment Works	-	-
5-May-2019	OD2019 Series: Heritage Tour – Discovering local temples of Judaism and Islam	-	-
18-May-2019	Technical Visit to Tung Chung New Town Extension - Reclamation and Advance Works (NL/2017/03)	-	-
23-May-2019	Young or Ready Series: A Route to become a Professional Civil Engineer	CVD	Ir Victor LO, Ir Gary KO, Ir Simon NG and Ir William LUK
4-Jun-2019	HKIE-YMC Annual Seminar 2019	-	Dr. Winnie TANG
4-Jun-2019	HKIE-YMC 34th Annual General Meeting	-	-
4-Jun-2019	HKIE-YMC Annual Dinner 2019	-	-
9-Jun-2019	STEM Workshop for Under-privileged Children	Principal Chan Free Tutorial World	-
15-Jun-2019	Technical Visit to Tseung Kwan O Fire and Ambulance Services Academy	-	-
All Year	BGCA Growing Partners II	BGCA	-

# THE OUTSTANDING HELPER AWARDS

The Outstanding Helper Awards are awarded to helpers who have made significant contributions to the organisation of activities of the YMC throughout the Session. A certificate will be presented during the YMC Annual Dinner.

Awardee	Organisation of Awardee
CHAN Ka Hei, Kathy	Highways Department, HKSAR Government
CHAN Tik Man, Nicole	ATAL Building Services Engineering Ltd.
CHAN Tsz Ki, Tommy	Ove Arup & Partners Hong Kong Ltd.
CHEUNG Tsz Ching, Sarah	Civil Engineering and Development Department, HKSAR Government
CHOW Chin Ho, Nathan	Sanfield Building Contractors Ltd.
CHUI Hon Lam, Winson	AECOM Asia Co. Ltd.
CHUN Siu Ting, Sibyl	AECOM Asia Co. Ltd.
CHUNG Ka Chun, Frank	WSP (Asia) Ltd.
CHAN Sze Yan, Daisy	Ove Arup & Partners Hong Kong Ltd.
FUNG Tsz Yiu, Ricky	The Hongkong Electric Co., Ltd.
HO Chak Ming, Alvin	Water Supplies Department, HKSAR Government
HUI Kiu Fai, Frederick	Build King Construction Ltd.
HUI Yuk Lin Tina	WSP (Asia) Ltd.
JIM Holman	Water Supplies Department, HKSAR Government
KAN Man Lai, Wesley	Airport Authority Hong Kong
KONG Miu Shan, Vanessa	CLPe Solutions Ltd.
LAU King Fai, Nicolas	AECOM Asia Co. Ltd.
LAU Yin Yu, Kathy	Civil Engineering and Development Department, HKSAR Government
LEE Suen Yu, Charmaine	China Overseas Building Construction Ltd.
LEE Wing Lam, Carla	Black & Veatch Hong Kong Ltd.
LEUNG Choi Kit	SAGE Technologies Ltd.
LEUNG Ka Chun, Adrian	Electrical and Mechanical Services Department, HKSAR Government
LEUNG Shut Wai, Eric	AECOM Asia Co. Ltd.
LIEN Lik In, Yuki	Transport Department, HKSAR Government
PAU Long Wai, Esmond	The Chinese University of Hong Kong
TONG Oi Yan, Sandy	CLPe Solutions Ltd.
TSANG Mei Wai, Cindy	The Hong Kong and China Gas Co. Ltd.
WONG Ki Chun, Joe	AECOM Asia Co. Ltd.
WONG Wai Ting, Dorothy	Drainage Services Department, HKSAR Government
YIP Shing, Anthony	AECOM Asia Co. Ltd.
YUEN Ho Wai, Ryan	Technological and Higher Education Institute of Hong Kong

# THE BEST REPORTERS AWARDS

The Best Reporter Award was organised in four selected seminars and visits within the Session. The winning reports, as judged by the speakers, were published in the "Hong Kong Engineer" journal. The winners would be given a cash prize of HK\$500. In this Session, the following young members are awarded the Best Reporter Award. A prize presentation ceremony will be held at the YMC Annual Dinner.

Awardee	Organisation of Awardee	Event
FUNG Tsz Yiu, Ricky	The Hongkong Electric Co., Ltd.	Technical Seminar on Smart Metering Development
LEE Wing Lam, Carla	Black & Veatch Hong Kong Ltd.	OD2019: Technical Seminar on Tseung Kwan O Desalination Plant
CHAN Tsz Ki, Tommy	Ove Arup & Partners Hong Kong Ltd.	OD2019: Technical Visit to Occasion Renewable Resources Company Limited
CHEUNG Wing Lai, Benny	The Hongkong Electric Co., Ltd.	OD2019: Technical Visit to Hong Kong Productivity Council on Industry 4.0

