



秘書長報告 2015/2016

二零一五/二零一六年度是值得紀念和充滿盛事的一年，學會舉辦了多元化的活動慶祝香港工程師學會成立四十周年。香港工程師學會四十周年誌慶酒會是當中精彩的一環，席間頒發「香港工程界翹楚2015」榮譽予十三位加入學會多年的傑出工程師，同時亦推出香港工程師學會四十周年紀念相冊以展示工程業界對香港發展的貢獻。

猶記得香港工程師學會運動會暨家庭同樂日舉行當日，會場瀰漫著熱鬧和緊張刺激的氣氛，讓我們這個工程專業大家庭的成員聚首一堂，共同慶祝及分享歡樂。會員在這個活動和其他場合都穿上特別為學會四十周年紀念設計的運動服，展現他們對學會的歸屬感，亦為香港工程師學會建立正面的品牌形象。

隨著總部擴充會址以迎合舉辦不同學術活動的空間需求，學會在慶祝成立四十周年之際，已發展成為更強大、更具規模的組織。學會透過冠名贊助設於總部所位處大廈九樓和十樓的會議設施，籌募購

置額外樓層的資金。十分感謝前會長陳健碩工程師的家人捐贈三百萬港元以獲得香港工程師學會會議室的冠名權，該會議室現已命名為Chan Yat Mei Sophie室。其他會議設施亦分別以James Chiu、Dragages、ATAL、Chun Wo、Hsin Chong及Paul Y命名。我們亦十分感謝前會長兼名譽資深會員趙雅各工程師和上述工程機構的慷慨支持。為了配合新增會議設施啟用，我們在Chan Yat Mei Sophie室旁添置了梳化和優閒自助咖啡角，讓會員在會議休息期間或其他時間輕鬆一會或與同儕互相交流。

儘管這年度以慶祝四十周年為主題，學會並沒有忽略其學術組織的功能。有見中國正積極推進「一帶一路」發展策略，學會組織了一系列相關的活動，讓會員從宏觀角度了解中國和其貿易夥伴的經濟轉型所帶來的機會。於本年度內，學會與其他地區的組織和機構合辦了連串大型國際活動，包括國際電機工程會議2015、第十屆港滬科技合作研討會、香港工程師學會—建築信息模擬研討會、第三屆兩岸四地智能軌道交通發展論壇、香港工程師學會2016會議：邁向2025—香港工業發展、科技與創新的前瞻，和兩場「一帶一路—香港工程界的機遇與挑戰」卓越工程講座。

學會亦繼續舉辦推廣活動。我們推行新穎的計劃以喚起年青人對工程的興趣，其中包括「童心看工

程」繪畫比賽，對象為全港小學生，在比賽中獲獎的作品其後於不同地鐵站巡迴展出；還有「中學生眼中的香港工程專業」微電影創作比賽，所有獲獎作品已上載到香港工程師學會的YouTube頻道供公眾人士瀏覽。兩項比賽都被香港特區政府納入為「欣賞香港」活動之一。

學校大使計劃是學會向年青人推廣工程專業的重要一環，有賴會員的支持，我們在本年度成功招募了一百四十名學校大使。我們在中學和大專院校合共進行了六十九次訪問，接觸近八千三百名學生。學會亦繼續透過南華分類報網站和教育及職業博覽等渠道，為對工程專業有興趣年青人提供行業資訊。

與公眾保持良好的關係是學會的優先任務，我們本年度繼續努力，走訪各個區議會並透過媒體和其他渠道提供工程相關事宜的專業知識，當中最受注目的是學會在二



▲ 與英國工程技術學會簽訂互認協議



▲二零一五至二零一六年度香港工程師學會理事會

二零一五年十一月二日發布的「公共屋邨食水含鉛研究報告」。學會也透過提名代表加入政策委員會及事務委員會以提供專業工程知識，並向立法會、香港特區政府和其他團體就不同課題提出觀點。在過去一年，我們向不同的政府機構提交了共十三份書面建議，除此之外，學會也就各項議題分享了觀點，包括《噪音管制條例》、二零一六年施政報告、二零一六至一七財政年度財政預算案、《2016年仲裁（修訂）條例草案》諮詢文件、教育局對「指定專業／界別課程資助計劃」的檢討，以及擴建香港國際機場成為三跑道系統的方案。

學會本年度成立了幾個專責小組，並舉行了一連串論壇，以促進會員就著各項議題進行討論。這些論壇包括「洪水橋新發展區規劃及工程研究」第三階段社區參與論壇、就學會會員直接延聘執業大律師所舉辦的研討會、擬議的《建造業付款保障條例》簡介會，以及香港技術創新發展論壇。

本年度學會結構界別資歷考試的成功反映了香港工程師學會的專業會員資格的重要性，考試的報考和應考筆試人數都進一步增加，分別有四百零四人和三百七十八人。在資格互認方面，隨著《內地與香港關於建立更緊密經貿關係的安排》框架下的《服務貿易協議》在二零一五年十一月簽署，二百四十九位結構工程師透過香港工程師學會和全國註冊工程師管理委員會的資格互認協議取得註冊內地一級註冊結構工程師資格，獲准在廣西、福建及廣東省註冊及執業。

自從學會採用「果效為本」的方法對工程學士學位課程進行評估以來，香港工程師學會與本地大專院校密切合作，確保各工程學位課程與有關標準保持一致。第一階段「果效為本」認證訪問於二零一五/二零一六年度完成，並走訪了五間提供工程學位的大學。學會亦為大學代表舉辦了一個關於「果效為本」認證應準備文件的研討會，以增進他們對學會要求的理解。

作為「同心展關懷」機構，香港工程師學會一直努力服務社會。在這方面，我們很高興得到無障礙網頁嘉許計劃2016的「三年卓越表現大獎」，以表揚學會連續三年始如一確保不同能力的用戶能夠使用學會網站。我很高興學會亦連續十二年獲授「同心展關懷」標誌，



▲「一帶一路 - 香港工程界的機遇與挑戰」卓越工程講座

以表彰我們對社會、對員工和對環境的長期承諾與付出。

四十周年紀念充滿歡欣和感謝。感謝所有無私付出時間的會員，他們協助學會籌辦不同慶祝活動；感謝所有慷慨支持學會購買新會址的贊助人；以及感謝在背後努力不懈的秘書處全人，讓這些活動得以順利舉行。在整個會慶年度，我們這個工程專業大家庭的成員一起同享歡樂，也一起提升專業技能。在學會踏入第四十一周年之際，我在此感謝大家對香港工程師學會的支持，並祝願你們在專業領域獲得超凡成就。

阮高聲

秘書長
阮高聲



▲第四十一屆周年晚宴



Chief Executive and Secretary's Report 2015/2016

Session 2015/2016 was a memorable, eventful year with a rich diversity of activities organised to celebrate the HKIE's 40th anniversary. The 40th Anniversary Cocktail Reception was a highlight during which 13 distinguished engineers and long-standing members were inducted into the HKIE Hall of Fame 2015. The engineering profession's contribution to Hong Kong's development was also showcased with the launch of the commemorative HKIE 40th Anniversary Photo Album.

Our members' energy and excitement pervaded the atmosphere on the HKIE Sports and Family Fun day, where this big engineering family gathered across the generations to celebrate and enjoy themselves. The 40th anniversary polo shirt was on full display, worn by members on this and other occasions, imparting a sense of belonging to the wearers and contributing positively to the branding of the HKIE.

The HKIE celebrated its 40th anniversary as a bigger, stronger organisation with additional accommodation at its headquarters to cater to its learned society functions. Naming rights to the new meeting facilities on 9/F and 10/F were offered in order to raise funds to cover the acquisition of

the additional space. A HK\$3 million donation was gratefully received from a family member of Past President Ir Raymond Chan for the naming right to the HKIE Seminar Room, which is now renamed Chan Yat Mei Sophie Room. The other rooms are now named James Chiu Room, Dragages Room, ATAL Room, Chun Wo Room, Hsin Chong Room and Paul Y Room. We are most grateful to our Past President and Honorary Fellow Ir James Chiu and the afore-mentioned engineering organisations for their generous support. To complement the additional meeting facilities, sofas and a cosy self-help coffee corner have also been set up near Chan Yat Mei Sophie Room, to help members relax and network during breaks in their meetings or whenever they are on the premises.

The Institution did not neglect its learned society functions amidst the celebrations. In view of China's development strategy as presented under the "Belt and Road" initiative in particular, a series of co-ordinated events were organised to give members a broad picture of the opportunities arising from the economic transformation of China and its trading partners. During the Session a number of large-scale international events were hosted by the Institution in collaboration with other organisations/ institutions in the region, including the International Conference on Electrical Engineering 2015, Hong Kong and Shanghai Symposium on Science and Technology, The HKIE – BIM Symposium, the 3rd Cross-Strait Forum on Smart Rail Development, The HKIE Conference 2016: Moving Forward to 2025 – Hong Kong Industrial Development, Technology and Innovation, and two Distinguished Lectures on "One Belt One Road – Engineering

Opportunities and Challenges from Hong Kong Perspectives".

The Institution also continued its outreach activities. Novel initiatives were introduced to arouse young people's interest in engineering, including a drawing competition, 「童心看工程」繪畫比賽, targeted at primary school students, which was followed by a roving exhibition of the winning entries at various MTR stations; and the "Hong Kong Engineering Through My Lens" Mini-Movie Competition for secondary school students, the winning entries of which were uploaded to the HKIE YouTube Channel for public viewing. Both competitions have been accepted by the HKSAR Government as part of the "Appreciate Hong Kong" Campaign.

The School Ambassadors Programme is an important part of our youth outreach efforts and the support of our members enabled us to recruit a total of 140 School Ambassadors for this Session. In total 69 visits were made to secondary schools and tertiary institutions, reaching nearly 8,300 students. The Institution also continued to provide relevant information to young people interested in engineering, through channels such as the Classified Post website and the Education and Career Expo.



▲ Presidential Visit to the UK in 2015

Maintaining a healthy relationship with the general public remains a priority and efforts on this front continued through visits to various District Councils and offering our expertise on engineering-related matters via the press and other channels, notably when we released our "Report of Lead in the Drinking Water of Public Housing Estates" on 2 November 2015. The HKIE also offered its engineering expertise by nominating representatives to external boards and committees and gave views on a variety of subjects to the Legislative Council, the HKSAR Government and various external organisations. In addition to a total of 13 submissions made to various government bureaux/departments, we also shared our views on a variety of topics, including the Noise Control Ordinance, formulation of the 2016 Policy Address and 2016-17 Budget; the Consultation Paper on the Arbitration (Amendment) Bill 2016; the Education Bureau's review of the Study Subsidy Scheme for Designated Professions/Sectors; and the expansion of Hong Kong International Airport into a three-runway system.

Several Task Forces were established and a series of forums were organised for our members during the Session to facilitate discussion on a variety of subjects. These included the HKIE Forum on Hung Shui Kiu New Development Area Planning and Engineering Study (Stage 3 Community Engagement); the Seminar on Direct Professional Access to Hong Kong Barristers for HKIE Members; a briefing session on the proposed "Security of Payment" Legislation for the Construction Industry; and the HKIE Forum on Technological Innovation in Hong Kong.



▲ New Members' Reception

HKIE engineering qualifications are a precious asset and this was reflected during the Session by the success of the HKIE Structural Examination, which recorded a further increase in both applications received and attendance for the written examination, to 404 and 378 respectively. On the mutual recognition front, with the CEPA Agreement on Trade in Service signed in November 2015, 249 Structural Engineers qualified for registration as Mainland's 1st Class Registered Structural Engineers via the mutual recognition agreement between the HKIE and The National Administration Board of Engineering Registration (Structural) (全國註冊工程師管理委員會(結構)) are allowed to register and practise in Guangxi and Fujian Provinces as well as Guangdong Province.

Since the switch to outcomes-based accreditation for engineering degree programmes, the HKIE has worked closely with the tertiary institutions in Hong Kong to ensure the relevant degree programmes conform with the related criteria. The first cycle of outcomes-based accreditation visits to the five universities that offer engineering degree programmes was completed during Session 2015/2016. A workshop on preparation for outcomes-based assessment documents was also held for university representatives to enhance their understanding of the Institution's requirements.

As a Caring Organisation the HKIE has always invested efforts in serving the community. In this context we are gratified to attain the Triple Gold Award of the Web Accessibility Recognition Scheme 2016, for consistently ensuring the accessibility of our website to users of differing abilities for three consecutive years.



▲ "Hong Kong Engineering Through My Lens" Mini-Movie Competition Prize Presentation Ceremony

The Institution is also pleased to be conferred the Caring Organisation Logo for the 12th consecutive year, in recognition of our long-term commitment to caring for the community, our employees and the environment all these years.

The 40th anniversary year has been one of gratitude as well as celebration. We are grateful to all the members who gave their time selflessly to assist the Institution in the organisation of so many events; to the generous sponsors who supported the purchase of the new accommodation for the Institution; and to the Secretariat staff who worked tirelessly in the background, turning these events into reality. Throughout this celebratory year, members of this engineering family young and old had fun and improved their professional skills together. As the Institution moves into its 41st year, I would like to thank you all for your unstinting support of the HKIE and wish you all success in your professional endeavours.

Monica YUEN
Chief Executive and Secretary



▲ The HKIE Sports and Family Fun Day