



會長報告 2015/2016

二零一五/二零一六年度對於香港工程師學會和我本人而言，是極具意義的一年。這年度是香港工程師學會的四十周年紀念，同時也標誌著我加入學會四十年。在這特別的年度成為學會會長，我確實感到十分光榮。

香港工程師學會為慶祝成立四十周年，舉辦一連串以「工『情』與你四十載，群策群力建未來」為主題的精彩活動，並由會員選出四十周年紀念標誌。香港工程師學會四十周年誌慶酒會為學會慶祝活動掀起高潮，酒會上向十三名入選「香港工程界翹楚2015」的傑出會員頒發獎項。學會亦製作了《香港工程界翹楚》特刊及四十周年紀念相冊，前者介紹「香港工程界翹楚2015」得獎者的卓越成就和他們的傑出項目，後者展示學會會員過去四十年對香港發展所作的貢獻。為發揚團結精神，在會長就職演講典禮上進行了時間錦囊封存儀式，所有的分部和委員會均派代表參與，將具有紀念價值的物品放進時間囊，把過去的成就保存，待日後欣賞回味。

作為慶祝活動的一部份，學會亦特設資助計劃，向分部及委員會提供資助，以舉辦與年度主題相關的慶祝活動。一共有十個分部及委員會獲得資助，並籌辦了各式各樣、不同領域的項目及活動。本年度也是學會加入華盛頓協議二十周年，學會舉辦了一個研討會以紀念這重要事項。此外，我們還舉辦了一個具前瞻性的建築信息模擬 (Building Information Modelling) 研討會，此工具在世界各地日趨普及和獲得廣泛應用，研討會讓會員掌握最新資訊，當日座無虛席，圓滿成功。

香港工程師學會四十周年紀念帶給學會會員相聚的機會，讓他們一同學習、一同慶祝過往成就，及為未來做好準備。我很高興見到會員在參與慶祝之餘，也不忘玩樂。在香港工程師學會運動會暨家庭同樂日裡，無論是二人三足競賽、團隊遊戲或其他各項比賽都得到嘉賓、會員及家屬的熱心參與。

為了讓年青人學習更多工程學知識並享受箇中樂趣，學會舉辦了全港小學生繪畫比賽和中學生微電影比賽。理事會還通過在香港浸會大學設立第九個香港工程師學會學生分會，並將在下一年度開始運作。學會致力啟發年青人對工程行業的興趣，並得到各分部及委員會的支持，特別是在本年度慶祝成立三十周年的青年會員事務委員會。本年度「師傳薈」計劃選拔出來的

年青工程師亦安排了一系列活動予大專生和中學生。

在慶祝學會周年紀念的同時，我們也繼續關注社會事務。就公共屋邨食水含鉛事件，香港工程師學會成立了「食水含鉛事件專責小組」研究有關議題。藉著我們的屋宇裝備工程師會員的專業知識及海外分部協助獲取海外實務資訊，我們在短時期內編寫了報告，表達我們在這個議題上的觀點，並為政府各部門提出一些意見和建議。

應發展局的邀請，我們也參與了有關土地短缺事宜的多方討論，並成立一個專責小組以審視目前情況，冀從工程角度尋找解決方案，及擬定學會的觀點。

我們也就兩個對香港未來至關重要的課題作出回應。第一個課題是內地「一帶一路」和「中國製造2025」策略。因應這些策略將為工程界開闢眾多機會，執行委員會進行了一個以「一帶一路」為主題的訪問活動。在這次訪問中，我們拜



▲ 會長就職演說



▲ 香港工程師學會四十周年紀念冊



▲ 香港工程師學會四十周年工程課程認證研討會

訪了國家發展和改革委員會、國務院港澳事務辦公室和商務部，以及中國科學技術協會和中國工程學院，並與他們交流了關於這兩個政策和和其他主題的資訊。

有見內地各項重要發展，學會成立了內地事務委員會，讓會員了解中國主要發展情形以及籌備相關活動。為此，委員會將設立一個電子平台，以促進資訊交流和就學會向政府部門提交與中國事務有關的意見提供協助。

第二個課題是就著政府促進創新科技發展的決心，學會大力支持相關政策以推動香港邁向智慧城市的進程。為要更有效為未來做好準備，我們成立了一個跨界別專責小組籌備多項工作，特別是制定香港工程師學會對促進香港技術創新的願景、提出鼓勵工程行業創新精神的策略，以及向政府提供意見。

學會加入華盛頓協議二十周年紀念這重要時刻，讓我們意識到我們多年來與全球工程業界的聯繫對

學會的發展至關重要。前任會長陳兆根博士、工程師繼續在國際專業工程師協議擔任主席，並於二零一五年國際工程聯盟會議中當選為管治委員會副主席，足見本港工程界的地位。

學會繼續努力保持國際聯繫。我先後率團訪問北京、英國、加拿大和澳洲。這些都是珍貴的機會，讓我們與海外同業機構交流專業信息，也讓我們了解海外分部會員的最新動向。在本屆會期內，學會與福建省科技協會簽署了一份合作意向書，並與英國土木工程師學會和英國工程技術學會簽署了專業資格互認協議，以及與荷蘭皇家工程師學會簽署了合作協議。

世界上沒有很多城市能在相同時間內實現與香港相比的發展和轉變。在香港的發展過程中，工程師擔當了關鍵角色，也見證了這城市的起伏。我很榮幸在香港工程師學會的發展當中擔當一個角色，見證著會員由約二千人增長到三萬二千多人，至今有十九個分部和廿一個專業界別，成為一個獨特的、跨界別多元的專業組織。正如香港被公認為世界城市，我們的專業資格也得到國際的承認。

我很高興向大家匯報，截至二零一六年三月底，學會收到超過一千四百萬港元的捐款，用以資助

購置新會址提供予我們不斷增長的工程大家庭之用。我十分感謝每一位慷慨的會員和工程公司向學會提供這令人鼓舞的捐款。

我們慶祝過往所取得的成就，亦須同時為香港工程師學會邁向更光明的未來加緊努力。最後，我感謝所有會員和秘書處職員一直努力不懈地作出貢獻，使香港工程師學會取得今天的成就和推崇。

陳志超

會長
陳志超工程師



▲ 執行委員會北京訪問團



President's Report Session 2015/2016

Session 2015/2016 was a momentous year for the HKIE and for me personally, as the 40th anniversary of the HKIE also marks 40 years since I joined the Institution as a student member. It is indeed an honour to serve as its President in this special anniversary year.

The 40th anniversary of the HKIE was celebrated with a packed schedule of events along the theme of "Celebrating 40 Years of Success, Your Dreams Our Goals" (「情」與你四十載·群策群力建未來) and a special 40th anniversary logo chosen by our members. The highlight of the celebrations was the 40th Anniversary Cocktail Reception, at which 13 eminent members of the Institution was inducted into the HKIE Hall of Fame 2015. A special publication 《香港工程界翹楚》 highlighting the inductees' achievements and their notable projects was launched to celebrate the occasion, along with a photo album commemorating members' contribution to Hong Kong's development in the past 40 years. In the spirit of solidarity, representatives of all Divisions and Committees also took part in a time capsule ceremony at the Presidential Dinner, at which mementos of past achievements were put into a time capsule for the appreciation of future generations.

As part of the celebrations a special grant was offered to the Divisions/Committees to fund events based on the theme of the Session. Ten Divisions took advantage of the grant to organise celebratory events and activities related to their disciplines. The Institution also sees the 20th anniversary of its admission to the Washington Accord in this Session, and a Symposium was organised to commemorate this event. We also organised a forward-looking symposium on Building Information Modelling, to equip our members with the latest information on a tool that is gaining widespread adoption around the world. The Symposium recorded a success with full-house attendance.

The HKIE's 40th anniversary gave us an opportunity to gather as an engineering family, to learn, to celebrate past achievements and prepare for the future. I am pleased to note that, in doing so, our members did not neglect to have some fun as well. Whether it was a three-legged race or team games or any other competitions, the HKIE Sports and Family Fun Day enjoyed zealous participation from guests, members and their families.

We also made it fun for young people to learn more about engineering by introducing a territory-wide drawing competition for primary school students as well as a mini-movie competition for secondary school students. The Council also approved the setting up of the ninth HKIE Student Chapter at the Hong Kong Baptist University, which will commence operation in the next Session. The Institution's efforts to reach out to young people are

complemented by those of the Divisions/Committees, in particular YMC, which also celebrated its 30th anniversary in this Session. The Protégés recruited this year also lined up a series of events for tertiary and secondary students.

Whilst celebrating the HKIE's anniversary, the Institution continued to pay attention to community concerns. In light of the discovery of lead contamination in drinking water in public housing estates, the HKIE set up a Task Force on Episode of Lead Residue Found in Tap Water to study the issue. Drawing on the expertise of our building services members and the help of our Overseas Chapters in obtaining information on overseas practices, we compiled a report within a short time, offering our perspective on the issue and proposing some observations and recommendations for various government departments.

At the invitation of the Development Bureau, we also took part in a multi-party discussion on the land shortage issue. A task force was set up to review the current situation, identify solutions from engineering perspectives, and facilitate formulation of the Institution's views.

We also responded to two issues of vital importance to Hong Kong's



▲ Media Luncheon



▲ The 40th Annual General Meeting



▲ The 40th Anniversary Cocktail Reception

future. The first issue is the Mainland's "Belt and Road" and "Made in China 2025" initiatives. In view of the opportunities opened up to the engineering community by these initiatives, an Executive Visit to Beijing was arranged with the focus on "Belt and Road". The National Development and Reform Commission, Hong Kong and Macao Affairs Office of the State Council and Ministry of Commerce of the People's Republic of China were all on the visit's agenda, as were the China Association for Science and Technology and Chinese Academy of Engineering, with whom we exchanged information on these two initiatives and other topics.

In view of these major developments on the Mainland, the Committee on Mainland Affairs was established to keep members informed and facilitate the organisation of relevant activities. To this end, the Committee will set up an electronic platform to facilitate information exchange and co-ordinate Mainland-related submissions to the Government as well as forums and other events.

The second issue is the Government's decision to promote innovation and technology, which we wholeheartedly support as the way forward for an aspiring smart city. To better prepare ourselves for a fast-moving future, we have set up a multi-disciplinary

task force to work on a number of initiatives, inter alia, formulating a HKIE vision on the development of technological innovation in Hong Kong; developing a strategy to foster a spirit of innovation within the engineering profession; and offering relevant advice to the Government.

Our links with the global engineering community is critical to our development as engineers, as the celebration of the 20th anniversary of our admission to the Washington Accord reminds us. Our status is reflected in the role accorded to our Past President Ir Dr Alex Chan, who continues to be the Chair of the International Professional Engineers Agreement and was elected as Deputy Chair of the Governing Group of International Engineering Alliance (IEA) at the IEA Meetings 2015.

We continued to invest efforts in maintaining our international ties, with visits to Beijing, the UK, Canada and Australia fitted into our busy schedule. These were valuable opportunities for exchanging professional information with fellow institutions as well as catching up with members in our Overseas Chapters. During the Session, we also signed a Memorandum of Understanding with the Fujian Association for Science and Technology, Reciprocal Recognition Agreements with the Institution of Civil Engineers and the Institution of Engineering and Technology, and an Agreement of Co-operation with the Royal Netherlands Society of Engineers.

Not many cities in the world have achieved the kind of transition that Hong Kong has undergone within a comparable timeframe. Engineers

have played a critical role in this transition and also witnessed the many ups and downs of this city. I am privileged to have a role in the HKIE's own development, which has seen it grow from a membership of some 2,000 to more than 32,000 members and a uniquely multi-disciplinary professional body of 19 Divisions and 21 Disciplines. Our professional qualifications are internationally recognised, just as Hong Kong is now recognised as a world city.

I am pleased to report that, as at the end of March 2016, over HK\$14 million in donations were received for the funding of the new accommodation to accommodate our growing engineering family. We are grateful to the generous members and engineering firms that provided this encouraging level of funding for the Institution.

In celebrating the success of the past, we must not neglect the hard work needed in the present as we position the HKIE and the engineering profession for a promising future. My gratitude goes to all the members and the Secretariat staff who have tirelessly dedicated so much hard work to making the HKIE the successful and respected institution it is today.

Ir CHAN Chi Chiu
President



▲ The HKIE 40th Anniversary Sports and Family Fun Day