



秘書長報告

2016/2017



香港工程師學會本年度的主題「五個我們的：一個學會・一個專業・一個未來・一帶・一路」闡明了工程業界與國家「一帶一路」這雄心倡議之間的連繫。無容置疑，這項倡議與大環境中的其他主要變革驅動力，將為工程師創造新機遇；但亦同時帶來挑戰。為裝備我們的會員迎接這些機遇與挑戰，學會本年度推出多項計劃及活動，以擴闊會員的視野、使他們保持最新的技術與知識，並持續提升學會的國際地位以鞏固會員的競爭力。

秉持著這些目標，學會本年度舉辦了多元化的項目與活動，其中以「你的未來・一帶一路」和「香港工程師學會創意嘉年華2017」為

兩大重點活動，吸引大量會員、公眾及傳媒注目。最適時和最具話題性的「你的未來・一帶一路」研討會，於二零一七年四月七日舉行，來自不同專業背景的持份者聚首一堂，成就了一次讓參加者分享、學習與交流的獨特機會。

而「香港工程師學會創意嘉年華2017」則於二零一七年六月十一日假九龍灣國際會議展覽中心舉行。為配合「我們的2035」這個前瞻性的主題，是次嘉年華透過具創意及富趣味性的體驗活動，就先進工程技術作生動的演譯，深深吸引所有嘉賓及訪客。

在鎂光燈背後，學會持續致力提升業界專業水平，以緊貼工程師專業

評核的國際趨勢。其中重要的一步是發展能力為本的專業評核，我很高興地向大家報告，工程專業認證正朝向更優化的能力標準。一個為期七個月的能力為本專業評核先導計劃已於二零一七年四月展開，香港工程師學會的工程畢業生培訓計劃(「A」計劃)之下的「目標訓練」，就是以能力為本的方針進行培訓，以切合新的能力標準。按現時的進度，我們預計可於二零一九年完全落實這套新的能力標準和改良了的評核方法。



△ 教育及職業博覽



△ 傳媒午宴

學會致力維持其國際認可專業水平的努力是得到回報的，其中「亞太工程師」及「國際專業工程師協議」對學會會員的認證已由二零一六年六月起延長六年。此外，二零一七年



△ 執行委員會北京訪問團



迎新酒會

一月落實的「悉尼協議監察檢討」亦確認將學會的簽約成員身份由二零一七年六月起延長六年。香港中學及高等教育學制改變後，獲得延長認可確認了香港工程師學會認證制度的穩健性，也確保了學會在香港所認證的高級文憑及同等課程的成果，與其他悉尼協議簽約成員所頒授的基本相當。

二零一六至二零一七年度亦提供了不同的機會讓我們的會員貢獻其工程專業所長、發表其專業觀點，尤其值得注意的是，本年度內香港進行了兩次重要的選舉，學會均安排了論壇，讓會員有機會與候選人見面並表達其意見。在二零一六年立法會選舉前，我們分別於二零一六年八月十八日及八月廿三日為工程界功能組別以及資訊科技界功能組別的候選人舉行選舉論壇，亦邀請了「工程滙」於二零一七年二月十日舉行二零一七年行政長官選舉候選人論壇，這幾次論壇均座無虛席，並吸引傳媒廣泛注意。

我們不遺餘力地舉辦不同的活動吸引年輕人對工程界的興趣，結合現有的資源並引入新的外來資源，有效地對準目標群體以推廣工程業。學會安排了分部代表在「創新科技嘉年華2016」就不同工程專業範疇作演講。我們亦強調伙拍傳媒一起推廣工程專業的重要性，星島

日報教育版與南華早報網上版的分類廣告便提供了接觸公眾的渠道，讓我們分享工程界的故事與提供就業意見。

宣傳工程師形象亦是學會的重要使命。建立形象是接觸社群的重要一環，而創新的方式正是宣傳的關鍵。為更有效吸引小學生及中學生對工程專業的注意，香港工程師學會創造了一隻吉祥物，並推出相關紀念品，包括布袋及文件夾，又於「香港工程師學會創意嘉年華2017」啟播動畫，獲得年輕參加者的熱烈迴響。

為加強學會的外展力量，我們成立了傳媒聯絡小組以更主動的部署強化應對傳媒查詢的恆常機制，促進學會就各時事議題，適時提供專業的工程業界意見。二零一六年十二月，會長及副會長、傳媒聯絡小組成員及各分部與專業範疇的發言人亦參與傳媒培訓，以提升應對傳媒的技巧。

隨著越來越多服務網絡化，學會亦緊隨時代步伐，自二零一七年四月起推出新服務讓會員在網上更新其聯絡資訊及會員狀態。我們亦連續十三年榮獲「同心展關懷」標誌嘉許，以表揚學會不斷致力為會員提供更佳服務，及為社會福祉所作的貢獻。

學會堅定承諾，支持我們的會員追求卓越和接觸社群，鼓勵那些有興趣投身工程業的人，以及鞏固會員的專業知識以服務社會。要在這一年完成以上種種工作，全賴我熱心的團隊，以及許多會員的努力，貢獻其寶貴時間與精力。能與各位共事是我的榮幸，十分感謝各位鼎力的支持。

秘書長
阮高馨



Chief Executive and Secretary's Report Session 2016/2017



The Session theme of “One Institution • One Profession • One Great Future • One Belt • One Road” articulates the connection between the development of the engineering profession and the visionary national “Belt and Road” Initiative. Undoubtedly, the Initiative as well as other key drivers of change in the wider environment will create new opportunities for engineers. With opportunities come challenges. To prepare our members for the opportunities and challenges ahead, in this Session, the Institution geared initiatives and activities towards broadening their horizons, maintaining the currency of their skills and knowledge, and strengthening their competitiveness through continued efforts to raise our international status.

With these objectives in mind, a wide variety of events and activities were organised throughout the Session, which culminated in two signature events attracting a great deal of attention from members, the public and media: the HKIE Conference on “Our Hub • Your Future in Belt and Road” and the HKIE Fiesta 2017. The most timely and topical

Conference on “Our Hub • Your Future in Belt and Road” was held on 7 April 2017. Stakeholders of different professional backgrounds gathered on the occasion, providing a unique opportunity for participants to share, learn and network.

The HKIE Fiesta 2017 was held on 11 June 2017 at the Kowloon Bay International Trade and Exhibition Centre. With the forward-looking theme, “Our Future 2035”, the Fiesta captivated visitors with innovative and fun-filled experiences that offered a lively understanding of advanced engineering technologies.

Behind the spotlight, the Institution continues to strive to uplift our professional standards and is mindful to benchmark with international trends in the professional assessment of engineers. One important initiative is the development of the competence-based approach in Professional Assessment and I am pleased to report that we are now progressing towards a refined competence standard for engineers seeking professional recognition. A seven-month internal pilot of competence-

based Professional Assessment began in April 2017 and “Training-by-Objectives” under the HKIE’s Graduate Scheme “A” Training using the Competence-based Approach is being mapped out to ensure alignment with the new competences. Full implementation of the competence standard and enhanced assessment approach is on course to commence in 2019.



△ The 42nd Annual General Meeting




△ Signing Agreement of Co-operation with IET

The Institution’s effort to maintain our internationally recognised professional standards was rewarded with verification of its “full member” status under the APEC Engineer and the International Professional Engineers Agreement, which was extended for another six years from June 2016. Moreover, the Sydney Accord Monitoring Review, which took place in January 2017, affirmed the extension of the HKIE’s “full signatory” status under the Sydney Accord for another six years from June 2017. Given the change in Hong Kong’s secondary and higher



△ Presidential Address 2016-2017



 Annual Dinner

education structure, this extension of recognition confirmed the robustness of the HKIE's accreditation system to ensure that the outcomes of HKIE-accredited higher diploma and equivalent programmes offered in Hong Kong are substantially equivalent to those offered by other signatories to the Sydney Accord.

Session 2016/2017 provided varied opportunities for our members to contribute their engineering expertise and channel their professional views. It is particularly worth noting that the Session coincided with two important elections. The Institution arranged forums to give our members the opportunities to meet the candidates and express their views. Prior to the 2016 Legislative Council Elections, election forums were organised for Engineering Functional Constituency (FC) candidates on 18 August 2016 and for Information Technology FC candidates on 23 August 2016 respectively. The Institution also invited the Engineering Forum Limited (工程匯) to organise a forum on 10 February 2017, for the candidates of the 2017 Chief Executive Election. The occasion attracted a full house and wide media attention.

We spared no effort in organising a variety of activities to interest young people in engineering. In terms of promotion of engineering, we sought to maximise impact on our target groups by pooling our available resources and drawing on new external resources. The Institution arranged for our divisional representatives to deliver public talks on various engineering disciplines at InnoCarnival 2016. We also emphasise the importance of pairing up with news media to promote the engineering profession. The education column of

Sing Tao Daily and the online version of *Classified Post* provided channels for us to reach out to the public with engineering stories and career advice.

Promoting the image of engineers is another priority mission of the Institution. Image building plays an important part in reaching the community and an innovative approach underpins our promotional efforts. To more effectively attract the attention of primary and secondary school students, a HKIE mascot was developed along with corresponding souvenir items including a cotton bag and plastic folder. A comic in video format was also premiered at the HKIE Fiesta and was enthusiastically received by the younger age group.

To enrich the Institution's outreach efforts, a Media Communication Unit was set up as part of the strategy to strengthen the current mechanism for media enquiries with a more proactive approach. The Unit aims to facilitate the provision of timely and professional engineering advice on topical issues by the Institution. In December 2016, the President and Vice Presidents, members of the unit and spokespersons of Divisions and Disciplines were provided with training to enhance their media communication skills.

With more and more services moving online, the Institution has moved with the times and a new service was introduced to enable HKIE members to update their correspondence information and membership status online from April 2017 onwards. Our ceaseless efforts to serve our members better and contribute to the well-being of the community were once again recognised with the conferment of the Caring Organisation Logo for the 13th consecutive year.

The Institution is firmly committed to supporting our members in their pursuit of excellence and reaching out to the community, to give encouragement to those interested in an engineering career and enhance our members' professional knowledge in the service of the community. None of this would be possible without the hard work of my dedicated team and the many members who volunteered their time and energy during this eventful year. It is a privilege to work with you all and thank you for your unstinting support.

Monica YUEN
Chief Executive and Secretary