

會長報告2011/2012

二零一一／二零一二年是充實的一年，學會實踐了多項計劃，其中許多是圍繞我任內所提倡「應用先進科技，提升優質生活」的主題。

在擔任會長之初，我為自己定下了八項目標，分別是：全力支援學會會員自我增值；改善與會員的溝通；擴大會員基礎；吸納新的工程界別；推動學會走向國際；提高行業的地位和知名度；向普羅大眾推廣工程行業及促進會員在各技能上的全面發展。

我很高興向各位報告學會令人鼓舞的發展。為實現以上目標而舉辦的各項活動和計劃大致可分為兩類，即社區拓展和加強行業的專業發展。

走進社群一直是學會「三年計劃」的重點。在過去一年，學會通過舉辦各項大型活動，向廣大市民推廣工程專業。特別值得一提的是與香港科學館合辦的「卓越工程建構優質生活」活動，包括講座、特備展覽和工程項目實地考察，讓大眾更了解工程專業對社會的貢獻。我們還舉辦了「卓越工程建構優質生活」攝影比賽，一方面展示了會員的攝影技巧，另一方面又讓公眾一睹各項工程背後鮮為人知的影像。

今年度的各項社區拓展活動，以工程專業為主題的一連五集電視劇「非凡工程夢」為重點。我們先後成功說服香港電台協助拍攝這套劇集及籌集所需資金，方可令該劇於二零一二年七月至九月間順利播出。

這些走進社群的活動，不僅加強了工程專業的社會地位，更能吸引年輕一代立志選取工程作終身職業。學會為此更成立專責小組，規劃向中學生和青年人推廣工程專業的策略，又推行「工程師駐校計劃」，派出「駐校工程師」支援學校的科技教育及向師生甚至家長提供有關工程的職業資訊，以加強香港工程師學會和學校之間的聯繫。該計劃將配合其他既有活動，如為學生而設的獎勵計劃和學校大使計劃等，吸引胸懷大志的年青人加入工程行業。「工程師駐校計劃」已在六所中學試行，我期待有更多的學校陸續加入。



在專業發展方面，我們採用多管齊下的做法。為了加強與會員的溝通，我開始了每週一次的匯報，以簡短的電子郵件，為會員提供最新的學會資訊。我很高興得到會員正面的回應。我還探訪了多間工程畢業生培訓計劃（「A」計劃）的認可機構，更深入地了解他們對工程專業發展的意見。此外，我又與各分部和委員會舉行會議，加強溝通及傳達任內的工作計劃。由於得到他們的支持，一系列以「卓越工程建構優質生活」為題的文章得以在《香港工程師》月刊刊登。

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為了讓退休會員與年輕會員分享他們豐富的經驗，我推動學會舉辦了每講長達一小時的「專業進深講座系列」，當中又設有簡短的問答環節。我自己是一名已退休的工程師，深知退休會員希望繼續與其他會員分享知識及保持聯絡，緊貼業界的最新發展。因此，我在本年度的許多倡議都是為他們而設的。

學會在本年度起每月舉辦茶聚和講座，讓退休會員主講多元化的題目，如氣功和心智繪圖法等，又在茶聚中招募參加者支援「專業進深講座系列」及「工程師駐校計劃」等新項目。由於這些聚會廣受歡迎，學會本年度特別為退休會員成立「睿賢學社」，以便為他們安排更多精彩活動，及讓年輕會員有更多機會向退休會員學習。「睿賢學社」的成立亦切合本會的發展方向，就是讓香港工程師學會成為專業工程師之家。現在，連同剛成立的「睿賢學社」，我們已有多項不同活動，連繫各退休會員、執業工程師及新晉工程師。

學會又喜見愈來愈多的女性進修工程學和投身工程界。香港工程師學會的會員大約有百分之十二是女性，我相信其比例肯定會繼續上升。「女工程師小組」由原本的興趣小組開始萌芽，隨後正式成為常規小組。該小組在本年度更舉辦講座，邀請女性領袖與參加者分享成功故事。我希望這小組可在未來舉辦更多的活動。

秉承各前任會長的工作，學會本年度繼續不斷在本地及海外推廣工程專業發展。我參加了九月三日至九日在瑞士日內瓦舉行的二零一一年世界工程師論壇及在中國舉行的多個不同會議，包括第十三屆中國科學技術協會年會及第九屆海峽兩岸四地工程師論壇。我亦帶領執行委員會訪問北京，參觀中國科學技術協會、中國工程院、中國科學院對地觀測與數字地球科學中心與中國民航總局，並在學會的英國和加拿大分部舉辦技術講座。

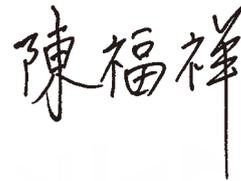


1. 年度國際盛事「國際電機工程會議」在港舉行
2. 香港工程師學會第三十六屆會員周年大會
3. 慶祝「睿賢學社」成立
4. 「卓越工程建構優質生活」攝影比賽頒獎典禮

我在任內挑選了十名年輕會員為「師傳薈」計劃的成員，讓他們了解更多有關香港工程師學會的工作，並一同參與策劃各項活動。這些年輕工程師的幹勁，令我留下深刻印象，我肯定他們將成為未來工程界的領袖。

為表工程界對安全和環保兩方面的關注，我草擬了兩項議定書，即「安全議定書」和「環境與資源保護議定書」。我希望會員積極履行這兩項議定書的各項建議，在安全和環保兩方面做到身體力行，同時也為廣大市民豎立良好的榜樣。關於良好的榜樣，我想藉此機會祝賀李應鴻博士、工程師及林志成工程師獲頒授紫荊領袖義工獎。香港工程師學會作為香港義務工作議會的成員及義務工作發展局的伙伴機構，一直鼓勵會員積極服務社會。我希望這兩位會員的傑出成就激勵其他會員以同樣的熱誠服務社會。

學會於本屆所取得的成就，實有賴我們勤奮的秘書處，他們除了兼顧日常的工作外，更為各項新活動提供支援。我還要感謝各位會員，沒有您們的支持和鼓勵，這不平凡的一年決不會有這樣豐富的成果。本人十分榮幸，在過去一年能與各位一同為學會工作。



會長
陳福祥工程師

President's Report 2011/2012

It has been a most eventful Session with the implementation of multiple initiatives, many of them developed around the theme I adopted for my presidency, "Applying Frontiers of Technology for Quality Living".

During my presidency I had set myself eight goals, which are to enhance the value of the HKIE membership, improving communication with members, broadening our membership base, embracing new disciplines, strengthening our global outlook, raising the profession's status and visibility; promoting the profession to the public and developing our members' competencies.

I am pleased to report highly encouraging progress in our efforts to achieve these goals through the initiatives implemented, which can be broadly grouped under two categories; namely community outreach and strengthening the development of our profession.

Community outreach has been a focal point of the Institution's three-year rolling plan. This was given impetus during my term in office through several high-profile activities. Of particular note is the "Technology for Quality Living" Programme jointly organised with the Hong Kong Science Museum, which included lectures, an exhibition and tours of selected projects, to give members of the public a better picture of the engineering profession's contribution to the community. We also launched a "Technology for Quality Living" Photo Competition that not only showcased many of our members' photography skills, but also offered the public dramatic pictures of engineering works.

These efforts at outreach will culminate in the broadcasting of a five-episode drama series revolving around our profession. We were successful in both persuading RTHK to develop such a series and in securing the necessary funding to make it a reality. It is due to be aired between July and September 2012.

These efforts are designed not only to enhance the status of the profession within the community, but also to attract the younger generation to take up engineering as their career. Towards that end, a Task Force was set up to review our programmes to promote engineering in secondary schools. It looked into the introduction of a "School Engineer Scheme" to strengthen the link between the HKIE and secondary schools by assigning



"school engineers" to support technology education and provide information on engineering as a career. This Scheme, which will complement other existing activities designed to attract aspiring engineers, such as the Student Prizes and School Ambassadors Programme, has been piloted at six secondary schools. I look forward to seeing more schools come on board.

In terms of the development of our profession, a multi-pronged approach was adopted. To improve communication with members, I started a weekly report, a short email message to update members of what is happening in the Institution, which has received very encouraging feedback. I also visited Scheme "A" Companies to gauge their opinions on the development of the profession and held meetings with the office bearers of the Divisions and Committees, to communicate the theme for my Session. With their support, a series of articles on the theme of "Technology & Quality Living" were also prepared and published in the *Hong Kong Engineer*.

President's Report 2011/2012

To provide an opportunity for retired members to share their wealth of experience with younger colleagues, I introduced the "Professional Enhancement Lecture Series", which consisted of hour-long talks that includes short questions and answers sessions. As a retired member myself, I am well aware of my fellow retired members' interest in maintaining their ties with the profession by sharing their knowledge and staying in touch with each other. Many of the initiatives introduced during this Session therefore were designed to engage this group.

Monthly tea gatherings were organised for retired members during which talks on diverse subjects such as qi gong and mind-mapping were given and participants "recruited" to support the Professional Enhancement Lecture Series and "School Engineer Scheme". Following on from the popularity of these informal gatherings, the "Veneree Club" was established to serve retired members, which will facilitate the organisation of more activities for a group of engineers that have so much to give and share and from whom younger engineers have so much to learn. The establishment of the "Veneree Club" also fulfils the Institution's commitment to become a home for all professional engineers. We now have programmes in place to engage retired members, practising engineers as well as aspiring engineers.

Another initiative which was taken forward during this Session was the Women in Engineering Group. It is pleasing to note the increasing number of women studying engineering and taking up engineering careers. About 12% of the HKIE members are women engineers and the number will certainly rise in the future. The Women in Engineering Group started out as an interest group that was subsequently formalised. During this Session it organised a series of talks featuring female leaders with success stories to share. I hope the Group could organise more activities in the future.

Continuing the work of my esteemed predecessors, the profession's development was also pursued on both the domestic and overseas fronts. I attended the WFEO – General Assembly & World Engineers' Convention 2011, from 3 to 9 September in Geneva, Switzerland and various conferences in China, including the 13th Annual Meeting of the China Association for Science and Technology and the 9th Cross Strait Two Coasts and Four Places Engineers Forum. I also led an executive visit to Beijing that took in the China Association for Science and Technology, Chinese Academy of Engineering, the Centre for Earth Observation and Digital Earth and Civil Aviation Administration of China; and presented technical talks at the UK and Canadian Chapters.



1. Executive visit to Beijing in November 2011

2. The 37th Annual Dinner

3. Kick-off Ceremony of the "Technology for Quality Living" Programme jointly organised with the Hong Kong Science Museum

4. Congratulations to Ir Lam Chi-sing (L) and Ir Dr Michael Li (R) for receiving the Leadership Bauhinia Volunteer Award

Domestically, I selected ten young members to become part of the President's Protégé Scheme, to learn more about the work of the HKIE and to work with me and each other in the development of various activities to promote engineering. I have been most impressed by the drive displayed by these young engineers, who I am sure will become leaders of our profession in the future.

Mindful of the need for engineers to act as role models in terms of safety and environmental protection, I initiated two Protocols, the Safety Protocol and the Environmental and Resources Conservation Protocol. It is hoped that, by implementing these two Protocols, our members will be able to raise industry good practice to a new level. Speaking of role models, I would like to take this opportunity to congratulate Ir Dr Michael Li Ying-hung and Ir Lam Chi-sing for receiving the Leadership Bauhinia Volunteer Award. As a member of the Hong Kong Council of Volunteering and partner of the Agency for Volunteers, the HKIE has always encouraged its members to actively serve the community. I hope their examples will inspire fellow members to serve with the same enthusiasm.

Much credit for the success of this Session is due to our hardworking Secretariat, which was unflinching in providing the support necessary to make the launch of so many initiatives possible in addition to our ongoing work. My gratitude also goes to my fellow members, without whose support and willingness to serve this eventful year would not have been such a fruitful one. It has been my great pleasure to work with you all.



Ir CHAN Fuk Cheung
President

Goal 1	Goal 2	Goal 3	Goal 4	Goal 5	Goal 6	Goal 7	Goal 8
Enhance membership value	Improve communication with members	Broaden membership	Embrace new disciplines	Strengthen global outlook	Raise our status and visibility	Promote profession to the public	Develop engineers' competencies
Performance:	Performance:	Performance:	Performance:	Performance:	Performance:	Performance:	Performance:

Performance Key:

= Disappointing = Not Bad = Good = Very Good = Excellent

Photo Courtesy: Ove Arup & Partners Hong Kong Limited



Photo Courtesy: URS / Scott Wilson



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優質工程專業

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帶領工程界邁步向前，促進知識與理念的交流。

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維持工程界的專業水平，並提高工程師地位及聲望。

Vision Sustained Excellence
in the Engineering Profession

Mission

To promote the advancement of engineering and to facilitate the exchange of knowledge and ideas.

To provide a broad range of services to members, to assist them in developing their careers and to play their full role in contributing to society.

To maintain a high standard of the profession, and to raise the standing and visibility of engineers.