

秘書長報告 2007/2008



香港工程師學會第三十三屆週年晚宴



—— 零零七／二零零八年度是值得紀念的一年。在慶祝學會六十週年紀念的同時，亦見證了許多會員在工程專業領域上卓越的成就。本人欣然與各位分享在過去一年裡學會各項的活動。

成長與新生

二零零七／二零零八年度標誌着學會經歷了一甲子的歲月。一個循環的結束正代表另一個充滿希望與挑戰的新循環開始。

學會明白要持續注入新血與活力，才能讓學會在不斷循環的週期中推陳出新。

持續的計劃對每個機構的發展都非常重要。多年來，學會致力增加會員數目，並積極吸納有志成為工程師的人士加入學會。本年度會員增幅令人振奮，與上年度相比，會員總數上升了百分之五點四，當中七成為學生會員，其增幅更達百分之二十八。

學生會員的數目增長實在有賴學會於年內在香港大學、香港理工大學及香港科技大學分別成立的學生分部。

學會透過七十一位由會員義務擔任的學校大使，為年輕一代舉辦推廣工程專業之職業及專題講座。於本年度，學校大使計劃共吸引超過五千三百名學生的參與。

與此同時，為增加會員數目，學會免除了居於海外的前會員所有未繳會費，鼓勵他們以海外會員身分重新加入本會。

連接更廣闊的社會

現時，全球均面對工程師短缺的問題，學會既身為工程專業機構，就更需要吸引不同的精英與人才。因此，提升公眾對工程專業的了解以及推廣工程師之正面公眾形象，不但對工程界的長遠持續發展極為重要，亦對香港日後的技術創新能力有着深遠的影響。

於二零零七／二零零八年度，學會的創新科技專責小組舉辦了多個新聞發佈會，內容包括市民感興趣的工程議題，例如數碼廣播及醫學工程之新科技。自二零零七年三月起，學會更在南華早報刊載一系列的工程專題報導，逐一介紹學會的十八個專業界別。

同時，我們亦邀請本地大學在學會月刊發表有關研究與創新的文章。至今，學會已收到五間大學所提交共十六篇文章。

香港工程寶庫網站於二零零六年設立，旨在方便大眾透過互聯網取得各香港工程項目之相關資訊，以及認識工程師對社會的貢獻。到目前為止，學會已將七十四個工程項目的資料上傳至該網站。

此外，巡迴展覽亦是學會與公眾溝通的渠道之一。去年，我們舉行了二零零七年香港工程師學會展覽——「綠色工程建明天」，及以「共建更美好的香港」為題之巡迴展覽會。學會同時也參加了香港特別行政區十週年慶祝活動之一的「樓宇安全嘉年華」、二零零八年教育與職業展覽、以及二零零八年香港理工大學職業週，更是全港大專生機械人大賽協辦單位之一。

作為積極的企業公民，學會自二零零四／二零零五年度起，已連續四年獲香港社會服務聯會頒發「同心展關懷」標誌。同時，我們亦支持香港公益金所舉辦的「公益服飾日」籌款活動，並每年四次於學會月刊替慈善機構免費夾附小冊子。

學會很高興向各位報告，香港職業訓練局為表揚學會過去對該局發展作出之傑出貢獻，於二零零七年十一月二十六日舉辦的頒獎典禮上，授予學會「職業訓練局二十五週年策略伙伴獎」。

協助規劃未來

我們明白必須透過對不同的政府政策及社會議題發表專業意見和技術評論，才能幫助建立一個更美好的可持續發展社會。

過去一年，學會共列席了五次立法會會議，並提交了十六份文件，闡述我們對環境、保育、基礎建設、都市規劃與發展，以至財政預算、施政、立法與政制發展的看法。

香港工程師學會六十週年慶祝酒會暨《更好的未來藍圖－以工程專業觀點看香港基建》刊行儀式



各嘉賓於港滬科技合作研討會的晚宴上合照

學會同時亦收到許多政府部門及其他機構的邀請，就工程方面的事宜提出專業意見，並提名會員參加不同的顧問小組、政策委員會及事務委員會。本年度，學會提名了共一百四十多位會員加入不同的政策委員會及事務委員會。

為了加強參與社區及公共事務，學會與民政事務總署聯繫，表達了會員有意參與區議會的各项社區工作。民政事務總署亦向各區議會轉達了會員的意願，義務協助進行每年總預算達三億港幣的地區小型工程。而學會於十八區之會員代表名單亦已送交民政事務總署，以便區議會聯繫。此外，學會分別於二零零八年四月及五月期間拜訪了沙田區議會及九龍城區議會，預計未來將陸續拜訪其他區議會。

服務會員

秘書處一向以會員的權益作為工作重心。

為配合華盛頓協議之發展，學會成立了學術評審準則工作小組，針對目前已通過學術評審政策委員會評審之課程，檢討其評審準則。而經修訂，並以成效為本的評審準則將於二零零九年實施。

學會亦致力協助會員裝備自己，前赴內地工作，更鼓勵所有分部及各事務委員

會每年至少舉辦一項與內地事務有關的活動。

在知識型的社會裡，促進會員跨界別學習甚為重要。跨界別學習的益處良多，會員可以從不同的專業觀點豐富自己的學識及知識。同時，透過會員間彼此的專業支援，可以令日益繁複的工程發展不斷創新。

因此，學會鼓勵所有分部每年至少與其他分部聯合舉辦一次活動。分部、事務委員會及各分部間已成立不同小組，讓會員就共同感興趣的議題分享經驗。學會同時鼓勵各分部及事務委員會上傳它們舉辦的研討會或討論會中各演講嘉賓的簡報資料至其網頁，促進知識交流。

表揚傑出會員

本年度，學會很高興頒發香港工程師學會榮譽大獎予周子京教授、工程師，以表揚他在其工程領域中卓越的貢獻與成就。而本會之二零零八年會長特設成就獎則頒發給鄭漢鈞博士、工程師，表揚他對學會盡心盡力的貢獻。

為鼓勵年青工程師在其工程專業上有更進一步的發展，學會設立不同獎項表揚各積極進取的工程師。高永賢博士、工程師獲頒本年度傑出青年工程師獎。

另外，學會獲已故會員歐陽國盛工程師家人的贊助，於本年度創立了「香港工程師學會青年會員創意獎」，並頒發給湯啟宇博士、工程師（組別I）與呂義鳴先生（組別II）。

結語

本人謹代表秘書處向會長、執行委員會、理事會、各政策委員會與事務委員會、分部以及界別致謝，感謝各位的指導與支持。同時，本人亦感謝秘書處所有職員在過去一年所作出的努力。

秘書長
阮高馨

Secretary's Report 2007/2008



The Secretary and the management of the Secretariat working for the betterment of the Institution



Session 2007/2008 was a year to commemorate. It was the Institution's 60th anniversary and it also witnessed the many remarkable achievements of our members in advancing the status and professionalism of engineering. I am pleased to share with you the distinctive events and activities in this past year.

Growth and Regeneration

Session 2007/2008 marked the completion of a Jiazi, a full lifespan in Chinese calendar, for the Hong Kong Institution of Engineers. The conclusion of one cycle also signals the beginning of a new cycle full of hope and challenges.

The Institution is aware of the need to have a constant supply of new blood and energy to keep regenerating itself through the cycles.

Succession planning is important in organisational development. Over the years, the Institution has spared no efforts in increasing our membership numbers and attracting prospective engineers to join the Institution. The results achieved in this Session have been encouraging. Compared with the last Session, there has been a 5.4% growth in the total number of membership, of which 70% are students, resulting from an increase of 28% in student membership.

This is attributable to the successful establishment of three Student Chapters in The University of Hong Kong, The Polytechnic University of Hong Kong and The Hong Kong University of Science and Technology during the year.

We also reached out to school students, through our 71 School Ambassadors, to deliver career and school talks promoting the engineering profession to a younger generation. Our School Ambassadors

Programme attracted interest from more than 5,300 students during the Session.

Another on-going initiative to enhance membership is to encourage ex-members living overseas to rejoin us as non-resident members by waiving all arrears in subscription.

Connecting to a Wider Community

Worldwide, there is a shortage of engineers and the Institution, as the engineering professional body, clearly needs to attract a more diverse mix of the most capable talents. Therefore, improving public understanding of engineering and promoting a positive public image for engineers are paramount to the long-term sustainability of the engineering profession and subsequently Hong Kong's capacity for technical innovation.

In Session 2007/08, the Task Force on Innovation and Technology conducted various media conferences on engineering issues of public interest, such as new technology in TV digital broadcasting and medical engineering. Since March 2007, a series of newspaper columns has been published in the South China Morning Post, each featuring one of the 18 Disciplines of the Institution.

At the same time, we invited local universities to submit articles on research and innovation in the Institution's official journal, *Hong Kong Engineer*. A total of 16 submissions were received from five universities.

The Engineering Archive website, set up in 2006, gives the general public easy access via the internet to information on various Hong Kong engineering projects and the contributions of engineers to society. So far, 74 projects have been uploaded onto the website.

Roadshows and exhibitions are also among our communication channels with the general public. Throughout the year, we organised the HKIE Roadshow 2007 – Engineering a Green Future and the HKIE Exhibition on Engineering a Better Hong Kong. We also participated in the Building Safety Carnival in commemoration of the 10th anniversary of the Hong Kong SAR, the Education and Careers Expo 2008 and the Hong Kong Polytechnic University Careers Week 2008. In addition, we were one of the co-organisers of the Robocon Hong Kong Contest 2008.

As an active corporate citizen, we were awarded the Caring Organisation Logo by the Hong Kong Council of Social Services for the fourth consecutive year since 2004/2005. We supported the Hong Kong Community Chest's Dress Special Day 2007 and continue to distribute, free of charge, pamphlets of charitable organisations as inserts in our official journal four times a year.

In recognition of the outstanding contributions of the HKIE in the past to the development of the Vocational Training Council (VTC), we are pleased to report that the VTC conferred the VTC 25th Anniversary Strategic Partner Award to the HKIE at the Award Presentation Ceremony held on 26 November 2007.

Helping to Shape the Future

We understand that we can only make a difference in building a better and sustainable community when we contribute our professional views and technical comments on Government policies and community issues.

Throughout the year, the Institution attended five Legislative Council meetings and submitted 16 papers outlining our views on various issues from environment, preservation, infrastructure, urban planning and development, to budget, policy, legislation and constitutional development.

Inaugural Ceremony of the HKIE Student Chapter
- The University of Hong Kong



Presentation of cheque on donations from members
for Sichuan earthquake relief



Visit from the Institution of
Engineers Australia

We also received numerous invitations from Government departments and other organisations for professional engineering advice and to nominate members to sit on various advisory panels, boards and committees. Some 140 HKIE members were nominated to different boards and committees throughout the Session.

With a view to broadening our scope of participation in community and public affairs, the Institution has made contacts with the Home Affairs Department expressing the interests of our members in engaging in community works at the District Council level. In turn, the Department has relayed this message to the District Councils about the desire of our members to contribute to the implementation of minor works programmes in districts, which have a total annual budget of HK\$300 million. A list of HKIE representatives in the 18 Districts has thus been sent to the Department for the use of the District Councils. Courtesy visits were paid to the Shatin District Council and Kowloon City District Council in April and May 2008 respectively and there will be more to come.

Serving our Members

The Secretariat has always placed the interests of our members at the heart of our work.

In line with the development of the Washington Accord, a Working Party on Accreditation Criteria for engineering degree programmes was formed to conduct a review on the existing accreditation criteria which has been completed and approved by the Accreditation Board. The revised outcomes-based criteria will be implemented in 2009.

Efforts have been made to prepare our members for works on the Mainland. All Divisions and Committees are encouraged to have at least one activity with Mainland elements each year.

In a knowledge-based society, it is important that the Institution fosters interdisciplinary learning among our members. The benefits of interdisciplinary learning are multifold. Our members' education and knowledge will be enriched and informed by various professional perspectives. It also encourages innovation in the development of responses to the increasingly complex engineering requirements, through mutual professional support.

As such, all Divisions have been encouraged to have at least one joint divisional activity in each session. Sub-groups have been set up in Divisions, Committees and Inter-Divisions to facilitate sharing of experiences among members on topics of common interest. Divisions and Committees were encouraged to upload to their websites presentation materials at seminars or conferences for knowledge sharing.

Recognising Distinguished Members

This year, the Institution was pleased to present the HKIE Gold Medal to Ir Prof Chow Che King in recognition of his outstanding contributions to and achievement in his field of engineering. The President's Award 2008 went to Ir Dr Cheng Hon Kwan for his dedicated and valuable service to the Institution.

To encourage young engineers to pursue a distinctive career in engineering, the Institution has offered a number of awards to up and coming engineers. The Young Engineer of the Year Award 2008 was presented to Ir Dr Albert Ko. Sponsored by the family of the late Ir Kenneth Au-Yeung, the HKIE Innovation Awards for Young Members 2008 was launched this year. We are pleased to report that Ir Dr Raymond Tong won the HKIE Innovation Awards for Young Members 2008 Category I, while Mr Steven Lui was honoured with the HKIE Innovation Awards for Young Members 2008 Category II.

Concluding Remarks

The Secretariat and I owe our work to the clear vision, discreet guidance and unequivocal support of the President, the Executive, Council Members, Boards and Committees, as well as the Divisions and Disciplines. Here, I would like to express our sincere gratitude to them. I would also like to thank all the staff members in the Secretariat for their commitment and hard work in delivering another fruitful year for the Institution.

A handwritten signature in black ink, appearing to read "Monica Yuen".

Monica YUEN
Secretary