



「回顧擔任會長的一年，我以『同心開創新氣象』作為座右銘。在本人任內，香港工程師學會在不少公眾議題上發揮了影響力，為社會和工程專業界謀福祉，推動了學會的整體發展。」

各位會員，本人能出任香港工程師學會二零零四/二零零五年度會長，實在深感榮幸。回顧擔任會長的一年，我以「同心開創新氣象」作為座右銘。在本人任內，香港工程師學會在不少公眾議題上發揮了影響力，為社會和工程專業界謀福祉，推動了學會的整體發展。我們致力傳揚學會的信念，提升學會的名聲。本報告摘述了年來各項工作成果、不斷取得的成就，以及我們對未來的展望。

專業形象 揚名國際

本會於去年十一月與加拿大土木工程學會簽訂合作協議，今年繼往開來，分別與加拿大專業工程師協會和香港電腦學會簽訂了資格互認協議，並與英國核能工程師學會簽訂合作協議。此外，學會最近亦與美國機械工程師學會簽訂相互會員推廣協議，藉著嶄新的合作方式鞏固兩會的關係，為雙方會員帶

來更大的裨益。這些連繫拓闊了我們的發展空間，也讓我們與夥伴們分享專業睿智。香港這個中國國際城市的大型基建工程舉世聞名，學會紮根於此，汲取了寶貴的經驗，能與外界分享這份訣竅，我們深感欣喜。

本會的海外分部在建立學會的國際友誼和連繫上，扮演一個愈來愈重要的角色。今年二月，本人到訪英國分部時，對該分部在英國推廣學會所作出的努力和支持，留下了深刻印象。英國分部的成功例子加強了學會的信心和決意，矢志加強海外分部的職能以擔任香港工程師學會的海外大使，提高學會的國際知名度。

在這方面，我們現正期待於今年六月主辦「第二屆國際工程會議」。這項兩年一度的國際盛會，將為

華盛頓協議、悉尼協議、都柏林協議、工程師流動論壇、工程技術員流動論壇和亞太工程師的成員，提供一個交流平台，討論並推展共同關注的事務。

資格互認 放眼內地

去年十二月，香港九十名結構工程師率先取得國家一級註冊結構工程師資格，可正式在內地執業，大大加強了本會與中國內地的聯繫。這項資格互認安排為兩地工程師締造雙贏的局面，改善兩者的就業機會與流動性之餘，亦促進工程業界的交流和發展。

香港工程師學會及全國工程師註冊管理委員會現正積極商討有關岩土、電機及監理工程師的資格互認，這將大大增加內地對香港工程師服務的需求。泛珠三角地區的發展速度居全國首位，因此，本會現正與廣東省科學技術協會就加強該區的合作關係進行磋商。

提升形象 推廣專業

在擔任會長的一年裏，本人致力推動本會發展為一個涵蓋更多不同工程界別的學會，從而擴闊發展空間，並吸納一些新界別的工程師。這些新界別的工程師，在過去十年由於不同工程專業的攙合而衍生，並在行內產生一定的影響。學會於二零零四年九月成立生物醫學界別，而在成立消防界別方面亦有良好的進展。這些都是我們努力的成果。此外，經學會多年的努力，香港特區政府於二零零四年十二月成立了註冊岩土工程師名冊。



與香港電腦學會簽署
資格互認協議

今日的工程專業日趨多元化，而且不斷與其他專業融合。我們深明學會在本港大型工程發展項目中發揮領導角色的重要。因此，去年本會尤其關注西九龍文娛藝術區的發展計劃，更為此成立了一個專責小組，對一些關鍵議題作出檢討，並就天幕的維修保養、其潛在的溫室效應及單一招標問題，向政府表達關注和提出意見。此外，本會亦在五月舉辦了一個名為「工程專業 建設未來」的展覽，主題包括再生能源、循環再造物料、基本建設與環保建築物等。是次展覽得到廣泛報導，引起了市民大眾的注意，亦剛好作為學會成立三十周年的一個絕佳宣傳活動。

培訓新血 孕育人才

本人對年青人尤其關注。在本人任內，香港工程師學會積極鼓勵年青一輩投身工程專業，並在這方面取得理想的進展，對此本人深感欣喜。這類培育新血的工作可確保工程業界可持續發展，更有助學會吸納更多會員。本會在一月舉辦了一個「卓越工程師講座」，並邀請到高錕教授、工程師主講，闡述青年工程師如何能夠影響和回饋社會，對年青一代啟發良多。此外，本會在三月舉辦的「橋王爭霸戰」亦空前成功，是項活動獲得美國土木工程師學會、本會結構分部及香港城市大學支持，考驗中學生以最少工程費用設計及建造一道桁架橋，透過實際的工程活動訓練學生解決問題的能力。

我們亦為資訊科技分部、青年會員事務委員會及香港電腦教育學會在運用資訊科技協助聽覺受損學童所取得的成就而感到驕傲。他們透過一項名為「資



學會舉辦了多項不同的活動向學生推廣工程專業，其中包括「橋王爭霸戰2005」

關會長於國際工程會議2005
致歡迎辭



訊科技橋 — 連繫聽覺受損學童到世界」的計劃，為失聰學童提供資訊科技服務，協助他們更有把握地應付學校以外的生活。這群年青工程師充份發揮其才華與技能，致力協助失聰學童之餘，亦成為工程業界的親善大使。

關懷活動 回饋社會

去年底南亞發生海嘯災難，本會瞬即替紅十字會招攬本會會員登記成為義工，為受災地區推行長遠的水資源發展計劃。在此階段，災區最需要工程師提供專業技能和知識，本人認為我們應該感到鼓舞，因為學會會員能以其專業睿智援助香港以外的社群，幫助飽受海嘯蹂躪的鄰國重建及維修基本建設，為他們提供一個更理想的生活環境。

在本港方面，香港工程師學會在過去一年繼續支持「牛津說好英語運動」，以提高青少年的英語水平。我們亦全力支持多項步行籌款，推動可持續發展與其他多項社區活動。去年十二月，香港社會服務聯會向學會頒發「商界展關懷」標誌，表揚我們積極履行公民責任，以及各會員熱誠奉獻專業才能協助有需要的社群，對此我們深感自豪。

結語

在本人擔任會長的一年裏，學會會員同心協力，與世界各地團體連繫，攜手向前。各會員投入參與會務，積極迎接新挑戰及熱心參與本地、區域與世界各地的公共事務，著實為學會的形象、名聲和影響力帶來了新氣象。我們需要你們的支持，並冀盼你們與學會保持密切聯繫。最後，本人得以擔任二零零四/二零零五年度會長，深感榮幸，謹此向各會員致衷心謝意。

關育材

會長
關育材工程師



“I took as my theme “We can make a difference” and I am delighted to say that over my presidential term, the HKIE has made an impact on issues that affect the community, engineering professionals, and not least the Institution’s overall well-being.”

Fellow members, it has been a great honour to be the President of the Hong Kong Institution of Engineers for Session 2004/2005. I took as my theme “We can make a difference” and I am delighted to say that over my presidential term, the HKIE has made an impact on issues that affect the community, engineering professionals, and not least the Institution’s overall well-being. We have spread the word and sought to raise our profile. This report summarises our achievements, our continuing successes and our hopes for the future.

Spreading the Word Globally

We signed a Co-operation Agreement with the Canadian Society for Civil Engineering last November and, during this year, sealed Reciprocal Recognition Agreements with the Canadian Council of Professional Engineers and the Hong Kong Computer

Society as well as an Agreement of Co-operation with the Institution of Nuclear Engineers. More recently, the HKIE has also established a new form of partnership with the American Society of Mechanical Engineers, through the Agreement on Reciprocal Membership Promotion, to further improve membership benefits with this sister institution. All these contacts extend our reach and allow us to share the unique engineering experience we have acquired from working in an international Chinese city which is world-renowned for some of its large infrastructure projects.

Our overseas chapters are also playing an increasingly important part in nurturing international friendships and connections. During February, I was particularly impressed to hear how our UK Chapter “flies the flag”, a remarkable success story that has added

further impetus to the HKIE’s efforts to enhance the functional roles of our overseas ambassadors, in order to increase the Institution’s profile globally.

In this respect, we are all looking forward to hosting the 2nd International Engineering Meetings 2005, in June. This international biennial event provides a good platform for members and institutions under the Washington, Sydney and Dublin Accords, the Engineers Mobility Forum, the Engineering Technologists’ Mobility Forum and APEC Engineer umbrella to discuss issues of common interest.

Spreading the Word on the Mainland

Our growing links with the Mainland were significantly enhanced in December last year when the first batch of 90 Hong Kong structural engineers acquired Class I Registered Structural Engineer qualifications, enabling them to work on the Mainland. Such mutual recognition is creating a win-win situation for engineers from both sides of the border, improving opportunities and mobility, facilitating the sharing and development of expertise to the benefit of all.

The HKIE and the National Administration Board of Engineering Registration are now also actively considering the reciprocal recognition of geotechnical, electrical and supervising engineers, which would substantially open up the Mainland’s demand for Hong Kong engineering services in the future. In addition, talks are now well underway with the Guangdong Provincial Association for Science and Technology to boost co-operation and relations in the Pan Pearl River Delta Region, the fastest-growing area on the Mainland.



Presidential visit to UK Chapter in February 2005

Spreading the Word by Enhancing Our Image

During my presidency I have been especially keen to see the HKIE become more multi-disciplinary, so as to extend our horizons and embrace new types of engineers that have emerged as a result of the blending of professions and their influence over the last decade or so. It has, therefore, been very satisfying to see the hard work of the Institution in this area come to fruition with the formation of a Biomedical Discipline in September 2004, the introduction of Registered Geotechnical Engineers in December 2004, and the good progress being made on the formation of a Fire Engineering Discipline.

As engineering becomes ever-more sophisticated and integrated with other professions, we have also recognised the importance of taking a leading role in large engineering developments within Hong Kong. The HKIE has therefore taken a particular interest in the West Kowloon Cultural District Development project during last year, setting up a task force to review key issues and express areas of concern to the government regarding canopy maintenance; the covering's potential greenhouse effect; and procurement for the project. We have also staged an exhibition in May, called Engineering a Sustainable Hong Kong, with themes covering renewable energy, recycled materials, infrastructure and green buildings. This event is sure to attract considerable publicity, thus providing a perfect platform for advertising the 30th year of the Institution's incorporation.

Spreading the Word Through Young Professionals

Young people are very close to my heart and I have been delighted with the progress the HKIE has made during the Session in promoting engineering as a potential career choice, as this is crucial to the

sustainability of our profession and our membership growth. Our Distinguished Engineer Lecture, given by Ir Prof Charles Kao in January, proved inspirational in demonstrating how young engineers can impact society and make a valuable contribution. We also launched a very successful Virtual Bridge Design Contest in March, with support from the American Society of Civil Engineers, our Structural Division and the City University of Hong Kong, to challenge secondary school students to design and build a low-cost truss bridge and so develop their problem-solving skills through a realistic engineering exercise.

We should also be inspired by the achievements of our IT Division, Young Members Committee and the Hong Kong Association for Computer Education in harnessing information technology to help deaf students cope better beyond the confines of their school through a programme called "IT Bridge - Connecting Hearing Impaired Students to the World". These young engineers are lending their talent and skills to assist those who are less fortunate whilst also acting as very visible ambassadors for the profession.

Spreading the Word Through Caring Activities

Since the tsunami tragedy in South Asia at the end of last year, the HKIE has made great strides in building up a register of volunteers for the Red Cross, to provide support for water resource development in the tsunami-hit areas on a longer-term basis. This is the phase that needs the skills and knowledge of engineers most and I believe we should all take heart that our members' expertise is now being harnessed to help communities beyond Hong Kong, to rebuild and maintain the infrastructure of our tsunami-hit neighbours and provide them with a better living environment.



The President attended the inauguration ceremony of Hong Kong Council of Volunteering

Within Hong Kong, during the Session, the HKIE continued to support the Phinnie project to raise the standard of English, especially amongst the young. We also supported fundraising walks, efforts to promote sustainable development and many other community activities. We can therefore be very proud of the Caring Company logo presented to us in December by the Hong Kong Council of Social Services in recognition of our civic responsibility and our members' commitment to offer their professional talent to help those who are less fortunate.

Concluding Remarks

My presidential year has been one of great delight, warm fellowship and closer integration with the global community. Our members' enthusiastic participation, willingness to seek out new challenges and increased involvement in public affairs on the wider local, regional and world stage are truly beginning to make a difference to the Institution's image, profile and influence. We need and want you all to stay close to the Institution. I would like to thank everyone from the bottom of my heart for the wonderful privilege of being your President during Session 2004/2005.



The opening ceremony of the HKIE Exhibition - Engineering a Sustainable Hong Kong

Ir James Y C KWAN
President