會長報告
2024/2025

我深感榮幸能於這意義非凡、成果豐碩的一年，肩負帶領香港工程師學會的重任。憑藉歷屆會長奠下的穩固根基，學會得以有序而周詳地為50周年慶典作好準備。於擔任會長期間，我獲益良多，亦更深刻體會到，若非前賢多年來不懈努力、持續推動學會與時並進，要成功實踐「一脈相承 • 縱深相連」的年度主題，實在難以想像。前人集體智慧所孕育的豐碩成果，不僅惠及我任內的工作，更將成為學會未來數十年持續發展的重要基石。

學會的金禧紀念標誌著半世紀以來的非凡里程，同時亦承載著更為重大的責任，因為這一重要轉捩點，將深刻影響學會未來的發展路向。五十周年不僅喚起學會對追求卓越理念的薪火相傳，更把我們的目光引領至社會各界對學會日益殷切的期望。這既是提醒我們珍視過往成就的時刻，亦是促使我們勇敢邁向充滿未知與挑戰未來的迫切呼喚。在這前所未有的互聯時代，我們必須為「一脈相承」作好準備－鼓勵會員彼此緊密連繫，實現跨世代的「縱深相連」，讓學會發展成為連結本地與全球工程界的重要樞紐。

邁向金禧

貫徹學會傳承與團結的願景，「香港工程師學會50周年傳奇大獎」共吸引逾百項來自過去半世紀、涵蓋不同工程領域的項目、專業成果及工程方案參與。此獎項所表彰的工程成就多元而深遠，其意義不僅在於肯定工程專業對社會長遠發展所作出的貢獻，更象徵工程師攜手同心的共同承擔－把原本看似由不同專業人士各自努力所累積的成果，匯聚成一股推動社會持續發展的力量。

「香港工程師學會第50屆金禧晚宴」創下逾1,800位嘉賓出席的空前紀錄，來自各界的嘉賓與會員共襄盛舉，一同見證學會發展至今的重要里程碑。若要從一系列慶祝活動中歸納其共通之處，莫過於會員之間深切而真誠的情誼，以及作為學會一份子所共享的深厚歸屬感。

金禧慶典所凝聚的深遠力量，必將超越我的任期，延續至一代又一代的專業工程師。我由衷期望，透過一系列彰顯工程專業深遠價值的努力，不僅為金禧留下具意義的紀念，更能凝聚會員力量，締造真正持久而深遠的成果。

香港工程師學會第50屆金禧晚宴匯聚超過1,800名嘉賓、政府官員及來自全球工程團體的代表

提升管治效能　堅實學會基礎

一個具備長遠基礎與韌性的專業機構，建基於完善的管治制度與有效的實踐之上。學會能否有效應對當前及未來的各項挑戰，取決於其組織架構是否能與不斷轉變的目標、理念及運作模式相互配合。基於對此的深入理解，並回應會員所提出的意見，學會已在「專業維新路綫圖(Time to Change Roadmap)」中，明確把全面檢視內部管治列為路綫圖的重要組成之一。

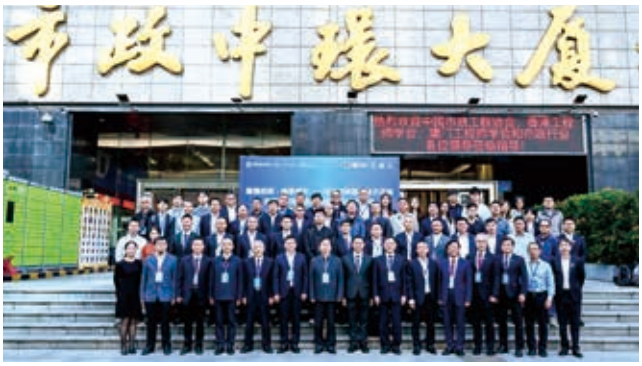
是次檢討由在我直接監督下成立的專責工作小組負責。該小組將就學會現行的運作模式及有待優化的範疇進行全面評估，並透過經周詳安排的持分者參與工作坊，全面收集會員意見；相關的評估進度與結果亦將定期並以公開方式作出通報，以確保各持分者能充分參與。這項旨在加強學會管治的工作，體現了我們對高效決策、問責精神、公開性及領導傳承的堅定承諾－上述要素皆為任何機構得以穩健發展的重要基礎。更重要的是，這亦展現了我們一貫重視聆聽意見、積極回應關切的態度。

構建無邊界的未來

一直以來，香港工程師以深厚而穩健的專業基礎，結合國際化視野，於世界各地參與及建設的工程項目均獲高度評價，並成為業界公認的標準。憑藉這些廣受認同的優勢，學會於本年度積極開展多項工作，進一步鞏固其作為本地專業界別與區域及國際工程網絡之間的「超級聯繫人」及「超級增值人」角色。透過與國際專業舞台的深入交流，學會致力就全球議題作出積極貢獻，期望在工程領域帶來長遠而具意義的成果。我十分榮幸能隨同香港特別行政區行政長官率領的代表團訪問卡塔爾及科威特，發揮重要的聯繫橋樑角色，並進一步彰顯香港作為全球專業人才與企業匯聚樞紐的穩固根基。

從北京到倫敦，從阿塞拜疆的巴庫到粵港澳大灣區的珠海，學會先後組織多個代表團及考察團，與各地政府部門、工程機構及科研機構代表展開一系列具啟發性的深入交流與對話。這些外訪活動著重實質內容，聚焦於彼此的深層交流、合作契機的開拓，以及對迫切全球議題的共同回應。

持份者參與研討會檢討學會的管治



增強與內地夥伴的合作

與英國友好及同儕會面

中國內地，特別是粵港澳大灣區，一直是學會對外聯繫的重點地區。儘管香港工程師在創新前沿擔當重要角色，並享有穩固的專業地位，國家在經濟與科技領域的迅速發展，亦為我們帶來了眾多值得借鑒的寶貴經驗。學會先後出訪佛山及珠海，分別實地了解氫能及低空經濟的蓬勃發展，這些考察正正體現了我們跨越地域界限、拓展專業視野與深化專業實踐的努力。

鑒於學會部分會員及合作夥伴身處海外，我們一直高度重視海外分部的發展計劃與願景。透過會長代表團出訪英國及澳洲，我們參與了多項活動，包括國際會議、拜訪相關機構，以及與駐倫敦及悉尼的香港經濟貿易辦事處合辦的交流活動，進一步加強與合作夥伴之間的情誼，並鞏固多年來建立的穩固夥伴關係。

爭取認可　擴闊視野

作為一個致力支持會員發展並拓展其專業歷程的專業團體，推動資格互認協議一直是我們的核心使命之一。在本年度內，我們延續既有的工作方向，積極與全球工程界夥伴加強交流與合作，致力為會員開拓更廣闊的專業舞台，並協助提升跨地域發展的可行性。

隨著內地於2023年推出簡化職稱評審程序的相關安排，學會會員現已可在未曾於內地受聘的情況下，申請專業職稱評價。去年11月，我見證了首批共207名香港工程師通過大灣區工程專業職稱評價，並分別獲頒正高級工程師、高級工程師、工程師及助理工程師等職稱。這些職稱不僅肯定了會員的專業能力與資歷，更為他們在迅速發展的粵港澳大灣區及其他地區，拓展事業發展與跨境合作的機遇，並進一步提升其專業影響力，開闢更廣闊的發展空間。

此外，學會與廣東省工程師學會簽署了兩份資格互認框架協議，策略性地把互認範圍擴展至另外三個工程界別，旨在進一步加強兩地工程師之間的交流，促進工程專業知識的順暢互通與流動。

至今，學會已與二十多個國際工程專業團體建立穩固而長久的合作關係，並簽署多項資格互認協議，讓會員得以更有效地融入內地的重點發展地區，同時大幅提升其在現今全球互聯環境下的長遠專業流動性。

香港工程師慶祝通過大灣區專業職稱評價

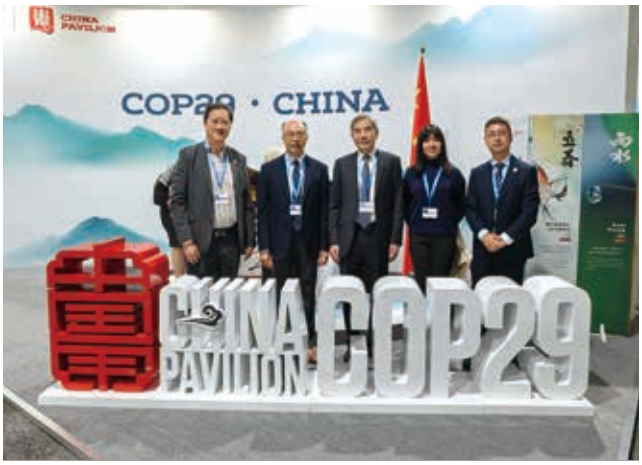
可持續發展與創新：從概念到承諾

氣候與生態危機迫在眉睫。在這個變革加速的年代，無論是我們所身處的自然世界，抑或人類的生活方式，可持續性已成為本世代所面對的關鍵挑戰。為回應這關乎人類整體未來的迫切議題，工程師已清晰地把可持續性確立為專業上的道德責任與實際行動的必然方向。

為具體闡述工程專業在推動環境可持續發展這一全球目標中的重要角色，學會推出名為《Engineered for Sustainability: Hong Kong's Contribution to United Nations Sustainable Development Goals》(《永續工程：香港對聯合國可持續發展目標的貢獻》)的電子書。該書透過一系列實踐案例，展示本地工程項目如何與聯合國可持續發展目標(UNSDGs)相互呼應，並說明工程師如何把概念層面的指標轉化為具前瞻性的設計方案，為城市未來作好準備，並展現可量化的實效。

學會代表團出席於2024年在阿塞拜疆巴庫舉行的第29屆聯合國氣候變化大會(COP29)，是本年度學會其中一項備受關注的重點活動。在這個匯聚全球氣候應對最高層次、極具前瞻視野的國際平台上，代表團透過主題演講及分論壇交流，主動分享經驗與觀點，致力把香港工程界定位為可持續發展國際對話中的重要參與力量。

學會在可持續發展這一重要議題上的投入，並非局限於個別倡議或單一項目，而是貫穿於學會整體理念與運作之中。各分部製作的聯合國可持續發展目標短片系列、以氫能等前沿議題為主題的培訓課程，以及學會與其他機構合辦的國際碳交易圓桌會議和第三屆海峽兩岸暨港澳城市建設與持續發展論壇，均是我們把可持續發展融入學會定位與長遠願景的具體而具代表性的實踐。



參與氣候變化對話及推動可持續發展

我們深明，任何專業－尤其是工程專業－在追求卓越的道路上皆不能故步自封。因此，學會積極推動「工程企業家」(Enginpreneurs)的理念，鼓勵工程師不僅止步於構思創新解決方案，更進一步成為把方案帶入市場及實際應用層面的企業家。工程企業家計劃一直致力支援具發展潛力的工程師，透過提供資源配對、專業指導及發展資源，協助他們把創新科技(I&T)構思轉化為具體而具實質成效的成果。現時，已有多個工程企業家團隊透過我們與數碼港的合作，成功獲取錄加入其企業家培育計劃。此項倡議有助會員拓展工程師角色的內涵，培養創業思維，並具備主動求變、開拓新局的能力。

培育人才　投資未來

作為專業工程師，我們清楚理解成為香港工程師學會正會員所面對的不同要求，亦明白簡化專業評核流程可為有志晉身正會員的年輕工程師提供重要支援。基於這項認知，專責工作小組已全面檢視現行的專業評核機制，並提出多項程序優化建議，為有意加入我們行列的人才開拓更清晰的發展路向，包括放寬推薦人要求及加快專業評核進程。這些改進措施不僅有助建立具可持續發展的人才庫，亦對提升會員資格的普及性與包容性具有深遠意義。

下一代工程師要在充滿多元專業挑戰的發展環境中成長，必須在不同領域展現全面而卓越的表現。普遍而言，STEAM(科學、科技、工程、藝術及數學)教育在引導學生把好奇心與潛能轉化為工程師所需的關鍵特質－包括創新思維與持續學習能力－方面，發揮著重要作用。基於這一理念，學會繼續與教育局及工程及科技學會香港分會(IET Hong Kong)合作，推行「中小學創新工程教育計劃」。

新會員迎新會

向學生推廣工程專業

在此計劃下，學會為中小學配對具備豐富經驗的工程師，為學校提供實務導向的工程教育支援，並與教師攜手策劃多元化的STEAM活動。計劃獲多個分部全力支持，先後推行講座、比賽、校園訪問及導師計劃等活動，旨在加深學生對工程專業的初步了解與興趣，並激發其對科學與創新學習的好奇心，從而為未來建立具可持續發展的人才基礎。同時，該計劃亦有助學會與相關教育機構建立長遠而穩固的夥伴關係，進一步體現學會對培育高技術及創新人才的持續承擔。

昂首展望

在就任會長之初，我便抱持一份來自多年實踐的信念：學會的力量，來自多年來所建立的關係網絡與機構聯繫；而工程師，正擅長於在不同層面建立聯通。在任期內的每一項倡議、每一次討論，以及每一場觀點交流之中，這份信念皆屢獲印證。

四年前，我首次參選副會長時，曾承諾在完成會長任期後，將不再擔任學會的任何職位。我由衷期望，這一審慎而謹慎的決定，能啟發新一屆領導層在完全獨立的基礎上，以全新的推動力持續前行，同時亦為後進立下示範，鼓勵他們以公心投入並貢獻於學會。

在把職責交託予下一任領導之際，我滿懷感恩－感恩學會所提供的寶貴機會，感恩過程中所經歷的種種歷練；更重要的是，感恩我們敬重的會員、全力付出的委員會成員，以及一直給予支持的持分者。正是各位堅定不移的承擔，與我並肩同行，讓共同的目標得以逐步實現。誠然，我在學會的工作尚未畫上句號；而這亦正是工程專業的本質所在－不斷建設、持續連結、勇敢前行，並以不懈的精神追求更卓越的成就。

馬紹祥工程師
會長

President's Report Session 2024/2025

It has been my distinct honour and privilege to lead the HKIE during this extraordinarily eventful Session, where we stood firmly on the shoulders of the giants–those who preceded me in serving as Presidents–in preparation of the much-anticipated festivity of our official 50th Anniversary in late 2025. Throughout my rewarding Presidency, it dawned on me time and time again how unthinkable it would have been to set my agenda to "Grow the Nexus, Link the Links" without the strenuous efforts of my esteemed predecessors, who championed transformative change within our community so tirelessly and successfully. As it is, their collective wisdom has yielded profits which will sustain the Institution, not only in my Session, but for decades to come.

Our Golden Jubilee, though rightly celebrated as a remarkable milestone, has nevertheless brought with it a concomitant heavy weight of responsibility–because of the decisiveness that such a turning point will mark for the Institution. As an evocation of distinguished legacy and at the same time an expression of high expectations, this landmark is as much an invitation to honour our cherished past as an urgent call to propel the Institution forward into a future full of unexpected, heretofore unknown challenges. As that future will be interconnected as never before, so must we prepare ourselves by becoming "linked"–each member to the others, the veterans to the young, the "Nexus" to the rest of the engineering world.

Towards the Golden Jubilee

Deeply rooted in this vision of lineage and unity, the HKIE 50th Anniversary Legacy Award garnered the enthusiastic participation of over 100 projects, technologies, and services hailing from different sectors and decades in the past half-century. Encompassing a multiplicity of engineering accomplishments, the Award went far beyond a celebration of our profession's longevity and diversity; it represented a declamation of solidarity by what had been seemingly a conglomeration of individualistic professionals.

The HKIE Grand 50th Annual Dinner recorded an unprecedented turnout of over 1,800 guests, all there to witness an important episode in the vast chronicle of the Institution's rise to its current eminence. If a single trait is to be isolated as being common to this impressive plurality of activities, the intense sense of camaraderie and belonging to a shared identity derived by members would stand out distinctly as the most conspicuous.

The immense momentum created by our Golden Jubilee is certain to extend beyond my Session to spend itself down the subsequent generations of engineering practitioners. I hope that our attempt to unify members, through initiatives reaffirming our profession's enduring relevance, will not merely be commemorated with fondness, but also exert a real, lasting impact.

The HKIE Grand 50th Annual Dinner brought together over 1,800 distinguished guests, senior government officials and representatives of professional bodies worldwide

A Foundation Strengthened by Improved Governance

The quintessentially strong institution is the one with the most well-developed governance practices. Our success in navigating formidable challenges, whether presently or in the future, is inextricably intertwined with the alignment of our institutional structure with our goals, values, and operational needs, all of which are constantly evolving. Our growing realisation of these facts, and constant feedback from members, have informed our decisive move to undertake a comprehensive governance review as a part of the Time to Change Roadmap.

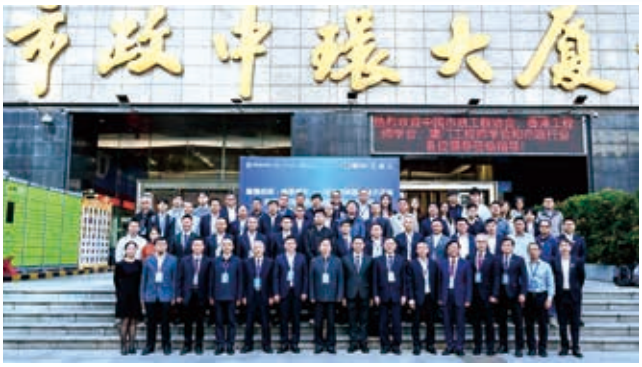
Overseen by a dedicated Working Group directly supervised by myself, this review entailed an extensive assessment that identifies obsolete practices within the Institution and areas requiring improvement. Through sessions of Stakeholder Engagement Workshop designed specifically to harvest members' views, progress and findings were regularly and transparently communicated, with broad participation vouchsafed from every stakeholder. This governance-enhancing initiative represents our commitment to effective decision-making, accountability, transparency, and leadership succession–a cornerstone of any robust organisation. Perhaps more importantly, it reflects our dedication to consistently listen and genuinely care.

Engineering a Future Beyond Borders

Our Hong Kong-based engineers have for generations been so versatile and globally minded in their professional orientation, that enterprises undertaken by them in various parts of the globe have been acknowledged as paradigms of quality. Leveraging this widely recognised aboriginal strength of ours, we took deliberate steps in this Session to intensify our role as the local profession's super-connector and super value-adder to the regional and international engineering communities. In our upraised engagements with the professional world, we aspired to assume the role of active contributors to the global discourse and strove to make a meaningful impact on the engineering landscape that we encountered. It is my privilege to be part of a delegation led by the Chief Executive of the HKSAR to visit Qatar and Kuwait, serving as a vital connection and highlighting Hong Kong's robust foundation as a global centre for professionals and enterprises.

From Beijing to London, from Baku of Azerbaijan to Zhuhai of our Greater Bay Area, we organised various delegations and study tours that engaged government bodies, engineering institutions, and research pioneers with sparkling and thought-provoking exchanges and dialogues. These delegations spurned the trivially ceremonial to commit themselves deeply to mutual edification, collaboration pathways, and addressing pressing global issues.

Stakeholder Engagement Workshops on Governance Review



Expanding collaboration with Mainland counterparts

Connecting with friends and fellows in the UK

The Mainland China, particularly the Guangdong-Hong Kong-Macao Greater Bay Area (GBA), has been a focal point in our extensive outreach. Although Hong Kong engineers' position as one of the leaders at the forefront of innovation is ingrained, the nation's rapid economic and technological evolutions offered edifying examples galore for us to learn from. Our visits to Foshan and Zhuhai, where we witnessed the flourishing developments of hydrogen energy and low altitude economy development respectively, were two prime examples of how our eyes had been opened by professional footprint beyond the borders.

With a significant portion of our members and their associates dwelling and working abroad, we remain cognizant of the plans and aspirations of our Overseas Chapters. Through Presidential delegations to the UK and Australia encompassing joint institutional events such as an international conference, visits to sister institutions, and networking events co-organised with the Hong Kong Economic and Trade Offices in London and Sydney, we rekindled precious friendships with our trusted counterparts that have persisted over the years.

Expanding Recognition, Broadening Horizons

As a professional association avowed to assist members with the advancement of their career and the enrichment of their professional life, the pursuit of mutual recognition agreements has always been part and parcel of our mission. In this Session, as in previous ones, we continued the long-standing tradition of engaging proactively with counterparts across the world to expand and ease access to industry engagements and market opportunities.

Following the streamlined approach published by the Mainland Authorities in 2023, provisions have been made for our members to apply for Mainland professional titles without being employed in the Mainland. Last November, I had the honour to witness the first batch of 207 Hong Kong engineers passing the GBA engineering "Professional Title" evaluation and successfully acquired various classes of the titles, namely Professor-level Senior Engineer, Senior Engineer, Engineer, and Assistant Engineer. More than mere credentials, these titles opened the gateway to additional career opportunities, cross-border collaborations, and augmented professional influence in the burgeoning GBA and beyond.

On top of this, we signed two Mutual Recognition Supplementary Framework Agreements with Guangdong Institution of Engineers, strategically expanding the scope of mutual recognition to encompass three additional disciplines, fostering enhanced exchanges among engineers from both regions, pivotal to promoting the seamless interaction and fluidity of engineering expertise.

This latest development, crowning our firmly established reciprocal recognition agreements with over 20 international professional bodies, facilitated our members' seamless professional integration with significant Mainland areas and substantially empowered them to achieve long-term mobility in today's interconnected world.

Hong Kong engineers celebrating the attainment of GBA Professional Title

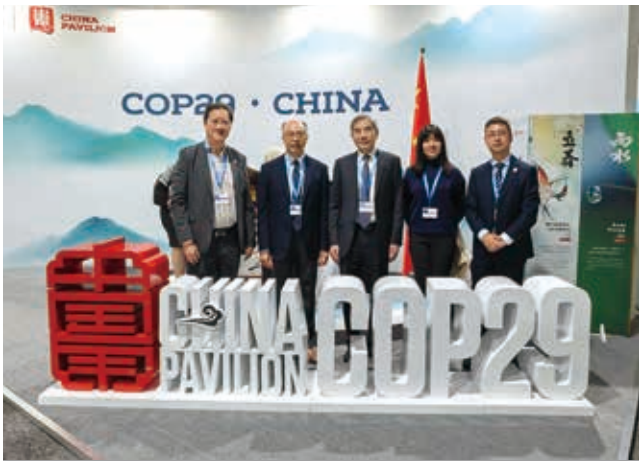
Sustainability and Innovation: From Concept to Commitment

In an era marked by unprecedented environmental urgency, it can be claimed without any hint of exaggeration that sustainability–our planet's as well as our way of life's–is the defining challenge of our troubled times. In reaction to this pressing challenge which determines the fate of humankind as a whole, engineers have pointedly embraced sustainability as both a moral imperative and a practical necessity.

To vividly illustrate our profession's vital contributions to global objectives that conduce to the environment's sustenance, we launched an eBook entitled *Engineered for Sustainability: Hong Kong's Contribution to United Nations Sustainable Development Goals*. Demonstrating local projects' alignment with the United Nations Sustainable Development Goals (UNSDGs), the publication turned these abstract parameters into real-world examples of how solutions devised ingeniously by engineers have future-proofed our city tangibly and with distinct results.

Another undertaking worthy of highlight was our delegation to the 2024 United Nations Climate Change Conference (COP29) in Baku, Azerbaijan. There, where global climate actions were discussed on the grandest and most advanced of scales, our delegates, through participations in talks and sub-forums, actively positioned Hong Kong's engineering sector as a serious voice in the international conversation on sustainability.

Our engagements in sustainability, the most crucial of topics, are not limited to these isolated instances of initiatives but permeate the entirety of the Institution's ethos. The UNSDGs video series produced by our Divisions, their training courses on topics such as hydrogen energy, as well as the International Carbon Trading Roundtable and the Third Cross-Strait Hong Kong & Macao Urban Construction & Sustainable Development Science & Technology Forum co-hosted by us, constitute other scattered but representative specimens of our attempts to embed sustainability into the HKIE's identity and aspirations.



Engaging in the climate change dialogue and driving sustainable development

Realising that no profession–least of all engineering–can afford to stand inert in its relentless pursuit of excellence, we have vigorously championed the notion of "Enginpreneurs," engineers who not only conceive solutions as inventors, but bring them to the market and the field of practical application as entrepreneurs. The HKIE Enginpreneurs programme has continued to provide resources, mentorship, and funding opportunities for audacious engineers seeking to transform their Innovation and Technology (I&T) ideas into concrete, impactful realities. Several teams of the HKIE Enginpreneurs have been admitted into Cyberport's entrepreneurship programmes through our partnership with the organisation. This initiative has empowered our members to venture beyond traditional roles by embracing an entrepreneurial mindset and the courage to challenge norms.

Nurturing Talent and Investing in Future Generations

As practising engineers sensitive to the challenges facing candidates seeking the HKIE Corporate Membership, we understand the significant support these aspirants may benefit from through a streamlined approach to Professional Assessment (PA). A dedicated Working Group examined the PA process and proposed measures that facilitate smoother pathways for newcomers to join our ranks, including proposals to relax the supporter requirements and expedite access to the PA. These enhancements are certainly beneficial to engendering a robust pipeline of future engineering talent, insofar as they carry profound implications for the accessibility and inclusivity of our membership.

To thrive in an exacting ecosystem where professional challenges come in different shapes and forms, the next generation of engineers will need to excel in a multitude of areas. It is widely acknowledged that STEAM (Science, Technology, Engineering, Arts, and Mathematics) Education plays a pivotal role in transforming students' curiosity and capacities into those qualities required of an aspiring engineer–for example, the aptitude for innovation and continuous learning. Recognising this, we continued the "Innovative Engineering Education Programme for Primary and Secondary Schools" in collaboration with the Education Bureau and The Institution of Engineering and Technology Hong Kong (IET Hong Kong).

New Members' Reception

Promoting the engineering career to students

Under this initiative, we connect primary and secondary schools with experienced engineers who are ready to offer practical guidance on engineering education and plan STEAM activities side by side with teachers. The programme has garnered generous support from multiple Divisions, orchestrating talks, competitions, school visits, and mentorship engagements. All this aims to cultivate early interest in engineering careers and spark a sense of wonder in scientific education, thereby fostering a sustainable pipeline of engineering talents for our future. Simultaneously, they forge enduring partnerships with educational authorities, strengthening the Institution's commitment to shaping a skilled and innovative workforce.

Looking Ahead

I began my Presidency with a conviction borne out of experience: that our Institution's strength lies chiefly in the networks of human relationships and institutional connections that we have nurtured over the years. Engineers, after all, are individuals adept at drawing connections on every level. Throughout my Presidential term, I have seen this truth reaffirmed in every initiative, every deliberation, and every exchange of ideas.

When I first campaigned for the Vice Presidency four years ago, I pledged to step away from official positions within the Institution after completing my term as President. My fondest hope is that this small gesture of humility will inspire the new leadership to move forward with full independence and fresh momentum while setting an example for future generations to selflessly dedicate themselves to our Institution.

As I pass the torch to my successor, I do so with immense gratitude–for the opportunities offered, the challenges met, and above all, the unwavering commitment of our esteemed members, dedicated Committees, supportive stakeholders who collectively drove our common purposes to fruition. Admittedly, my work with the Institution remains unfinished, but such is also the essence of engineering: we build, we connect, and we move forward, always striving for something greater.

Ir Eric MA Siu-cheung
President