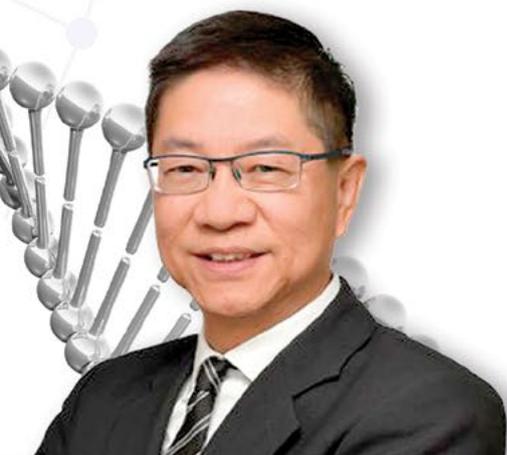


Reports from Boards and Committees

2017/2018



Ir Dr Philco WONG

Chairman

ADMINISTRATION BOARD

The Administration Board is responsible for the interpretation, development and implementation of the Institution's policies on financial and administrative matters as well as the co-ordination of administrative functions that involve more than one Committee under the Board. Appraising the Institution's administrative policies from time to time is a central and fundamental role of the Board.

Beginning in the last Session, the revamp of the HKIE website was completed and the new website was launched in October 2017.

With the effort of the Committee on Fundraising for Institution's Accommodation, a series of fundraising activities were organised to raise funds for the repayment of the mortgage loan for the additional accommodation on the 21st floor of Island Beverley. Taking into consideration the updated balance of the mortgage loan, the Board concurred that the Task Force had completed its tasks and it was dissolved.

To facilitate Divisions in organising conferences, consultation sessions were

introduced by the Conference & Function Section of the HKIE Secretariat to Divisions as an optional service. The purpose of the consultation sessions is to provide brief introductions on administrative procedures, highlight important points to note in organising divisional conferences and detail other matters related to the organisation of a conference.

With the change in the production of the Journal, the Board together with the Journal Editorial Committee has studied possible ways forward for the publication in the future.

The Institution generated sufficient income to fund the resources required for the activities initiated throughout the year and the Board is pleased to note that the Institution's healthy financial position has been maintained.

In addition, the Board has closely monitored the changes to the establishment of the Secretariat, the affairs of the Journal and the financial accounts of the Institution's Yearbook. The Board will continue to review the Institution's facilities and management issues.

Finance & Investment Committee

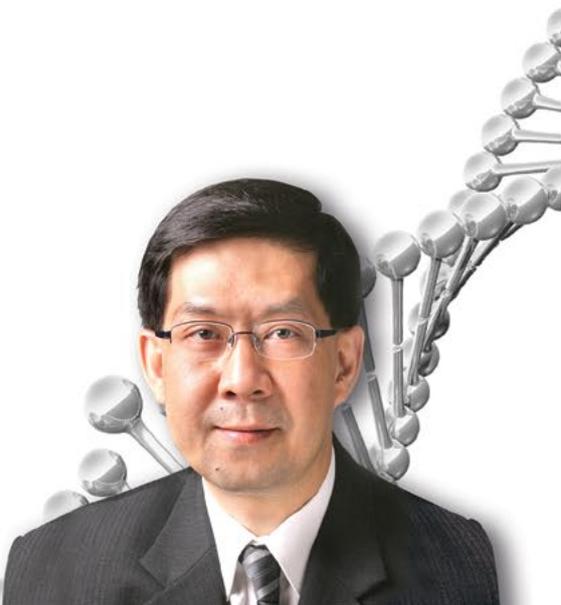
The Finance & Investment Committee is responsible for the management of the Institution's assets and investments. It is also responsible for the planning and monitoring of the Institution's income, expenditure and cash flow. The Committee reports to the Administration Board.

The Committee is pleased to report that, for the 2017/2018 financial year, the Institution maintained its healthy financial position with a surplus of HK\$3.9 million. The total income for the year was HK\$67.7 million and the total expenditure for the year was HK\$63.8 million. The donations for premises for learned society activities was HK\$1.4 million, which was HK\$1.2 million less than that of last year. Excluding the donations for the year, the surplus was HK\$2.2 million less than that of last year. During the year, a series of activities, including the HKIE Fiesta 2017, the HKIE Concert 2017, Distinguished Lectures

were organised with a net expenditure of HK\$950,000. The overall spending pattern remained broadly similar to the previous year. Work to help set up the forthcoming competence-based training and assessment also incurred a cost of HK\$314,000 in the 2017/2018 account with HK\$905,000 budgeted in 2018/2019 estimates.

Taking into consideration the inflation in Hong Kong and the increase in funding needs for various new initiatives introduced in recent years, a 3% increase in the entrance fee and membership subscription fee for the financial year 2018/2019 was recommended. The Committee also recommended that the early bird discount, which applies to all members whose subscription payments were made by cheque or cash before 1 April 2018, be continued.

With close monitoring of our spending and continuous support from sponsors and accreditation activities, the Institution anticipates another healthy financial position in the coming financial year.



Ir Joseph C M LEUNG

Chairman



Ir David C H CHANG

Chairman

Journal Editorial Committee

To tie in with the Institution's initiative to promote the engineering profession, the Journal Editorial Committee (JEC) publishes *the Hong Kong Engineer* (the Journal), *Hong Kong Engineer Online* and *the HKIE Yearbook* with the aim of strengthening communication and professional connections among industry practitioners.

Enriched by fruitful submissions from Divisions, Committees and Clubs on their year-round activities, the Journal provides not only the latest news of the engineering industry, but also updates on technical developments. Noteworthy engineering projects, the drive to build a smart city and the development of the Greater Bay Area under the Belt and Road Initiative, to name but a few, were reported in the cover stories of this Session. To celebrate the 40th Anniversary of the six founding Divisions, a special feature was also published in the January 2018 issue of the Journal to highlight the milestones of these Divisions over the years.

We are persistently striving to improve the reading experience of our members, and to this end we have introduced some new features to the cover design of the Journal. The Committee has also been taking initiatives to explore the feasibility of enhancing the Journal's publishing arrangement and has launched an online survey to gauge members' reading preferences.

As a Caring Organisation, the Institution maintained the provision of a complimentary promotional insertion service for charitable organisations in this Session to show our support to the community. Insertions were received from St. Christopher's Home, Sowers Action and the Hong Kong Red Cross.

The Committee will continue to sustain the quality of our publications. The unflinching support and contribution of the JEC members and the Publisher throughout the Session are gratefully acknowledged.

Staff Resources Committee

The Committee is responsible to the Administration Board for reviewing policy and guidelines for the Institution's staff establishment. It also reviews job specifications for Secretariat staff, formulates policy and guidelines for salary levels and conditions of services for staff, and maintains an equitable remuneration system.

In the light of the growth of the Institution in its different spectrums of work, proposals on talent acquisition and development - based on the workload and development

of individual functional areas of the Secretariat—were approved for implementation in 2017/2018. The Committee has also kept in view the overall staffing structure of its complement to ensure that the level of staffing support can be maintained at equilibrium to adequately meet the development and service needs of the Institution.

In the year under review, the Committee monitored the staffing costs against the budget to ensure that members continued to be provided with appropriate levels of service support.



Ir HO Kwong Wai

Chairman

QUALIFICATION & MEMBERSHIP BOARD

During the Session, the Qualification & Membership Board spared no effort in its bid to continue reviewing the Institution's qualifying process and to maintain the quality of membership admission.

On the recommendation of the Board, the Council approved the proposed implementation timeline and communications plan for Competence-based Professional Assessment and Scheme "A" Training in competence-based format. According to this plan, Competence-based Professional Assessment will be applicable to all membership applications submitted on or after 1 April 2019. Moreover, Scheme "A" Training in competence-based format will be rolled out for all trainees who begin their training on or after 1 April 2019.

The Board reviewed and endorsed the proposal to remove the Product Template Route, and a grace period of six months, commencing 16 March 2018, was provided to applicants. In addition,

the Board reviewed and endorsed the proposal to remove the admission mechanism for future Members without a Discipline, but confirmed that the membership status of existing Members without a Discipline would remain unchanged.

The development and growth of the Institution are underpinned by the quality of its membership. The Board has continued to uphold the quality of the membership through its admission system. During the Session, the Board approved the proposed amendments to admission requirements for Members in the Environmental Discipline and reviewed the academic requirements for Members in the Materials Discipline. Three training sessions were conducted for Assessors as part of the continuing efforts to uphold the quality of Professional Assessment.

For the HKIE Structural Examination, I am pleased to report a growing trend in the number of applications. A total of 464 applicants attended the written part of the HKIE Structural Examination held on 5 December 2017, representing a 7.2 % increase over last year's cohort.

This year has been a busy and fruitful year for the Board. A total of 1,355 and 2,596 applications for Corporate and other classes of membership, respectively, were reviewed by the Board. The Institution has grown from strength to strength and as of March 2018, the membership of the Institution stands at more than 34,000.



Ir Ringo S M YU
Chairman

MEMBERSHIP APPLICATION STATISTICS

GRADE	APPLICATIONS	
	Considered	Accepted
	2017/2018	2017/2018
Fellow	57	46
Member	1,116	441
Graduate Member	1,146	1,064
Associate Member	3	0
Companion	0	0
Student Member	1,440	1,356
Affiliate	7	7
Additional Discipline	182	121
Total	3,951	3,035

Note: Up to 31 March of the year.

MEMBERSHIP STATISTICS

MEMBERSHIP	31-Mar-15	31-Mar-16	31-Mar-17	31-Mar-18
Honorary Fellow	19	18	19	18
Fellow	1,140	1,140	1,155	1,176
Member	13,727	14,156	14,435	14,686
Graduate Member	7,572	7,824	8,295	8,501
Associate Member	1,137	1,071	1,011	949
Companion	15	16	17	17
Student Member	8,158	8,368	9,181	8,535
Affiliate	391	376	350	331
Total	32,159	32,969	34,463	34,213

Education & Examinations Committee

During this Session, the Education & Examinations (E&E) Committee considered a total of 65 applications for individual assessment of academic qualifications for the class of Member, of which 37 cases were accepted as meeting the academic requirements for Members, while 28 cases were rejected.

In the year under review, the Civil Discipline received 18 applications, which is the highest among the

Disciplines; followed by the Structural Discipline, which received 16 applications; and the Geotechnical Discipline, which received eight applications for academic assessment.

The Committee also considered one application under the Special Route for Specific Disciplines (Environmental, Information and Materials) in the Environmental Discipline, which was accepted. It also reviewed one appeal case.



Ir Prof Michael K H LEUNG

Chairman

Fellowship Committee

Fellow is the highest grade of all the Institution's membership classes available for application. Fellows are senior members who are well-positioned to make major contributions to:

- the affairs of the Institution;
- issues of public interest and learned society functions; and
- the setting of standards for qualifications.

During the Session, the Fellowship Committee considered 47 applications for Fellowship.

It is the policy of the Committee to assess each application based on individual merit, taking into full consideration each candidate's particular circumstances.

We would be pleased to see more qualified applicants submitting their applications for Fellowship in the future.



Ir Prof William H K LAM

Chairman

Professional Assessment Committee

During this Session, the Professional Assessment Committee (PAC) reviewed the Guidance Notes for Assessors on the current practice of the Professional Assessment procedures for the sake of clarity.

The PAC reviewed the Product Template Route which was originally designed for candidates with professional status

from institutions other than those with which HKIE has Reciprocal Recognition Agreements (RRAs) and who have at least four years of work experience. In view of the fact that only a few applications have been received via this route since its establishment, and the increased number of institutions with which the HKIE has RRAs, the PAC has recommended removing the Product Template Route to streamline existing procedures. The recommendation has subsequently been approved by the Qualification & Membership (Q&M) Board with a six-month grace period provided to applicants.

The PAC has also reviewed the admission mechanism of Members without a Discipline. Since the HKIE has already established a mechanism for the formation of new Disciplines and members of all professional institutions that currently have RRA with the HKIE are eligible to be matched with a relevant Discipline, the PAC has recommended that the admission mechanism of Members without a Discipline

is no longer required. This recommendation to remove the mechanism has subsequently been approved by the Q&M Board.

In support of the preparation of the Competence-based Professional Assessment, the PAC has reviewed the format of different types of submissions for Professional Assessment to better align them with the submission requirements in the competence-based format. The PAC has also reviewed the requirement of essay writing for mature candidates in borderline cases under the competence-based Professional Assessment system.

To update Assessors on the Professional Assessment process and practice, two Assessor Forums on Professional Assessment for Assessors and a briefing session on the assessment of Mature Route and Research & Development Route candidates were held in November and December 2017, respectively. Assessors also shared their invaluable views and experience during the forums.



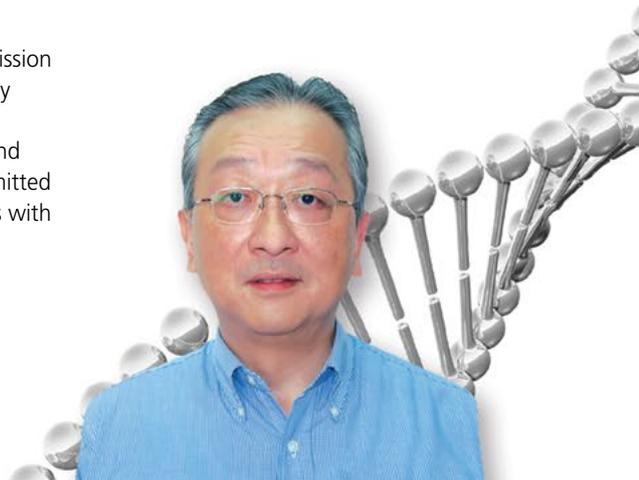
Ir Colin C L CHUNG
Chairman

Quality Control Committee

Six meetings were held during the Session and a total of 579 assessment results were reviewed. The pass rate was 53% for the Session, compared with 52% for the previous Session.

During the Session, the Committee reviewed 26 appeal cases.

The Committee strove to achieve its mission of maintaining a consistent high-quality standard in professional assessments across the Institution's 21 Disciplines and upholding the quality of Members admitted via Reciprocal Recognition Agreements with other Institutions.



Ir Dr George L W SZE
Chairman

Training Committee

The Training Committee handles various training matters, in particular, the vetting and monitoring of Scheme "A" Training and Formal Training Scheme to Associate Membership (AM Formal Training).

In tandem with the implementation of Professional Assessment in competence-based format in 2019, Scheme "A" Training was also undergoing an overall review to dovetail with the new system.

In this Session, 69 re-assessment applications were vetted via paper evaluation and 82 visits involving 49 assessment and 72 re-assessment

applications were conducted. As of June 2018, the number of organisations and training schemes approved for HKIE Scheme "A" Training was updated to 226 and 478 respectively. The total number of newly-registered trainees was 956.

To introduce Scheme "A" training in competence-based format, two briefing sessions were conducted on 20 and 27 September 2017 at the Chiang Chen Studio Theatre of the Hong Kong Polytechnic University. A total of 235 company representatives attended.

With the development of Minimum Core Subject Areas (MCSA) in the previous Session, Discipline Advisory Panels (DAPs) have implemented MCSA in their evaluation of eligibility for Scheme "A" Training for their respective Disciplines for graduates from 2018 onwards. A total of 80 programmes have been assessed. The Training Committee has also invited DAPs to review the precedent cases of overseas engineering degrees using the MCSA.

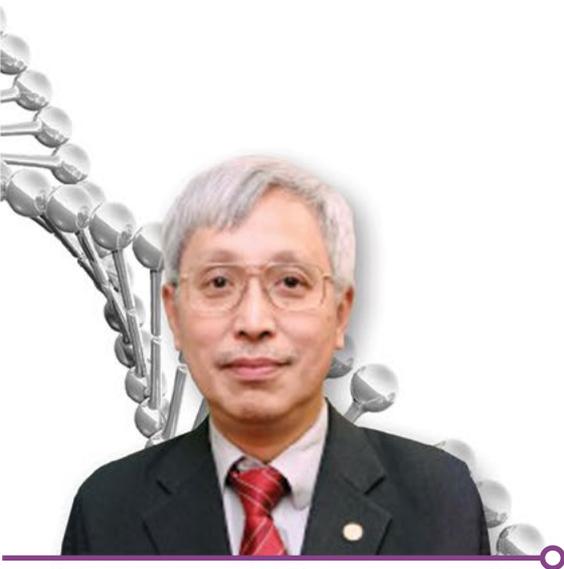
During the Session, three Task Forces were formed to assist the Training Committee in conducting reviews on various procedures relating to Scheme "A" to facilitate the preparation of Scheme "A" in a competence-based format. They are, namely, the Task Force on Evaluating Guidelines on Assessment and Re-assessment Applications for Scheme "A" Companies, Task Force on Training

to Engineering Supervisors and Visit Team Assessors, and Task Force on Review of Existing Scheme "A" Procedures. All the recommendations put forth by these Task Forces, inter alia, proposals on Scheme "A" in competence-based format, were adopted by the Qualification & Membership Board in April 2018.

On other issues, the Training Committee revisited the Pro-Act Training and Development Centres of Vocational Training Centre and granted the Centres the status of "HKIE Approved Training Centre" up to 31 August 2020.

Four Engineering Supervisor Workshops were successfully held during this Session and 137 members were approved to be Engineering Supervisors for Scheme "A" Training or AM Formal Training.

Lastly, the competition for Trainee of the Year Award 2017 was completed and the awards were presented at the New Members' Reception cum Prize Presentation Ceremony on 26 January 2018 at the Hong Kong Club. The first prize winner was Miss Ho Ka Man of MTR Corporation Limited, the second prize winner was Miss Wong Po Yu of The Hongkong Electric Company Limited, and the third prize winner was Miss Lui Ka Wing of The Hong Kong and China Gas Company Limited. Ir Thomas Chan, President of the Institution, presented the prizes to the three awardees and their company representatives.



Ir Prof Leslie George THAM

Chairman

LEARNED SOCIETY BOARD

The Learned Society Board steered its efforts towards areas in support of the Session themes on sustainability and connectivity. At the beginning of the Session, the Learned Society Board set up the Task Force on

the Review of the HKIE Student Award Programmes to undertake a comprehensive review of the HKIE Scholarship and the HKIE Prize for Outstanding Engineering Students, to further promote the Institution and increase the impact of our student award programmes. The Task Force made a number of recommendations, including increasing the prize value of both the student award programmes and introducing additional conditions for awardees of the HKIE Scholarship to qualify for subsequent scholarship installments. All the recommendations were adopted by the related Boards and will become effective from Session 2018/2019 onwards.

Our Divisions and Committees have also been devoted to sustaining the professional skills and competences of our members. More than 700 learned-society activities and other events were organised by Divisions and Committees during the Session.

The Institution continued to build connections with both mainland and overseas institutions. During the Session, the Institution renewed the Agreement of Co-operation with the Korean Society of Civil Engineers and re-entered into an Agreement of Co-operation with the Hainan Association for Science and Technology.

Additionally, with the support of the Liaison Office of the Central People's Government in the Hong Kong Special Administrative Region, I led a delegation to Yunnan as Chairman of the Learned Society Board between 17 and 22 May 2018 to understand the strategic significance of the Province in the Belt and Road Initiative. The 22-member delegation, comprising Council members and office bearers of Divisions and Committees under the Board, met with government officials of Yunnan Province and representatives of our engineering counterparts, and visited various well-known infrastructure projects in the Province.



Ir Dr YUEN Pak Leung

Chairman

Community Service Committee

With a view to enhancing the Institution's community involvement as well as the status and visibility of the engineering profession, the Committee has been taking a proactive approach towards members' participation in public affairs.

The Committee also continues to provide comments and professional views on consultation papers covering engineering-related matters and issues of public concern as well as nominate members to external boards and committees upon request. During the Session, 19 invitations for opinions were received from various government departments and higher educational

institutions as well as professional organisations. In response to invitations from government departments and external organisations, a total of 115 members were nominated through the HKIE to serve on various boards and committees. Lists of the HKIE's submissions and nominations are included in the later part of this Report.

With the dedicated support and earnest efforts of our members, the Committee's works progressed smoothly throughout the year 2017/2018.

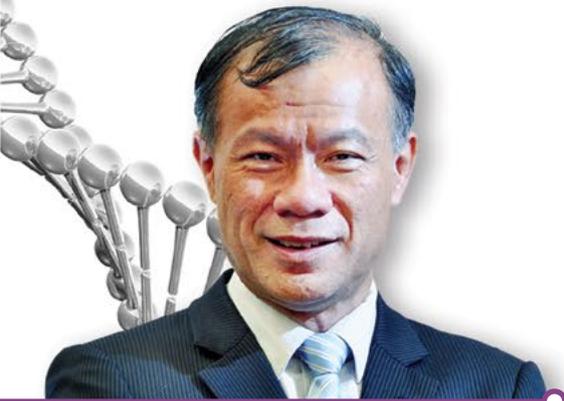


Ir Louis K S SZETO

Chairman

Conference Committee

The Institution jointly organised the Shanghai and Hong Kong Symposium on Science and Technology with the Shanghai Association for Science and Technology (SAST) on 14 – 15 September 2017 in



Ir CHOW Lap Man

Chairman

Shanghai. The Symposium was attended by some 160 delegates, including 45 delegates from Hong Kong. The HKIE delegation was led by President Ir Thomas Chan. Nine speakers from Hong Kong presented at the Symposium in three parallel sessions. All respondents of a post-event survey considered the Symposium a satisfactory or very satisfactory experience.

With the theme of “Climate Change and Engineering Solutions”, two Distinguished Lectures were organised at the Wang Gungwu Theatre of The University of Hong Kong. Each of them was well attended by around 250 participants. Two prominent speakers, Mr C M Shun, Director of the Hong Kong Observatory of the HKSAR Government and Prof Norbert R. Morgenstern, Distinguished University Professor (Emeritus) of the Department of Civil and Environmental Engineering, University of Alberta, Canada shared their insights into global climate change

and slope stability, respectively. Mr Shun delivered a presentation entitled “Global Climate Change and Its Implications to Hong Kong” on 9 December 2017 and Prof Morgenstern presented on the topic of “The Evaluation of Slope Stability: A Further 25 Year Perspective” in the second Lecture held on 12 December 2017. Responses to the post-event survey reflected generally positive experiences by the participants.

The Conference Committee was also involved in the planning and organisation of the International Council on Electrical Engineering (ICEE) 2019 Conference to be held in July 2019.

To help facilitate the Divisions/Committees in applying for employee visa/entry permits for non-local speakers to attend their conferencing activities, the Committee - with the assistance of the Secretariat - prepared a reference guide, entitled “Notes for Visa Application for Non-local Speakers Coming to Hong Kong to Deliver Speeches/ Presentation and Declaration Form for Non-local Speakers”.

Continuing Professional Development Committee

The Continuing Professional Development Committee (CPDC) continued its efforts to promote and administer non-technical Continuing Professional Development (CPD) activities for members of the Institution.

With support from 11 CPD course providers, in 2017 the Committee administered around 680 courses covering occupational safety and health, technical matters and general professional subjects. These activities attracted around 2,380 participants. The Committee and Young Members Committee (YMC) also co-organised CPD courses and activities for YMC members.

During Session 2017/2018, the Committee reviewed and updated the “Agreement of Services” (the Agreement) between the HKIE and CPD course providers. The updated terms and conditions of the Agreement were approved by the Learned Society Board on 27 April 2018 and will take effect from 1 January 2019.

CPD has been a mandatory requirement for Corporate Members since 1 January 2006. In order to ascertain compliance, the CPDC sets a Special Panel (CPDCSP) to review CPD submissions and to make recommendations to the CPDC on cases of compliance each year under the current audit mechanism. The audit on members’ CPD attainment in 2016 has been completed and a new round on members’ attainment in 2017 has started. For 2016, the CPDCSP reviewed a total of 142 cases and found that 122 of them were in compliance with the requirements.

The Competence-based Approach to CPD Activities (the Approach) for Corporate Members approved in May 2016 is going through a two-year transitional period from 1 January 2017 to 31 December 2018. Corporate Members are required to undertake, out of the 30 CPD hours per year, at least five hours each for two areas of CPD activities, namely “Technical Matters” and “Broader Areas of Studies.” This Approach will be fully implemented on 1 January 2019.



Ir Dr KOON Chi Ming

Chairman

HKIE Transactions Committee

Thanks to the devotion of the expert Editorial Panel, *HKIE Transactions* has continued to publish high-quality papers on various engineering disciplines. We aim to provide an excellent platform for information and knowledge exchange among local and overseas engineering communities. The papers in *HKIE Transactions* have been of tremendous use and interest to practising engineers and academics alike over the years.

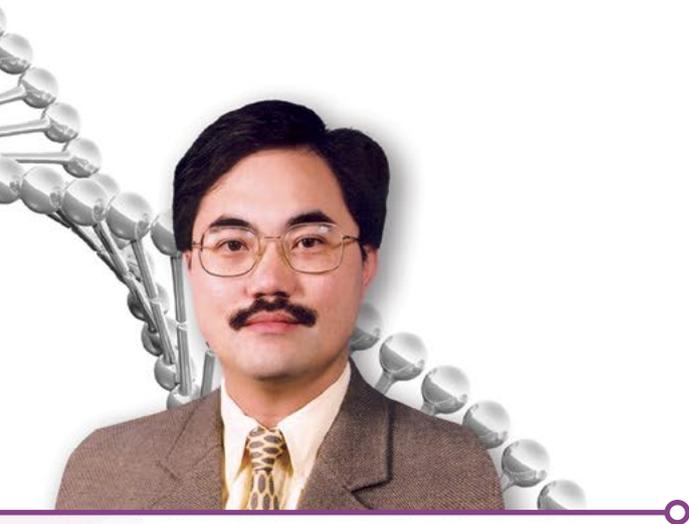
We also endeavour to facilitate a wider global readership and maximise the outreach to international authors through collaborating with an international publisher, thus uplifting the international profile of *HKIE Transactions*.

A Theme Issue (previously known as "Special Issue") of *HKIE Transactions* covering hot topics in engineering is published each year to enhance outreach strategy and citation rate. Following the success of previous Theme Issues, the Committee is honoured to have Prof Tim Tapani Lämsivaara, Professor of the Department of Civil Engineering, Tampere University of Technology as the Guest Editor for the fourth Theme Issue on "Landslides and Debris Flow - Theory and Design, Mitigation, Stabilisation and Monitoring" which was published in June 2018.

The Committee is also delighted to report that the fifth Theme Issue on "Sustainable Wastewater Technologies for Pollution Control and Resource Recovery" is scheduled for publication in June 2019, with Prof X Y Li, Professor of Water and Environmental Engineering and Associate Head (Research), Department of Civil Engineering, The University of Hong Kong as the Guest Editor.

Two exceptional papers were awarded the HKIE Best Transactions Paper Prize 2017, and three other distinguished papers were awarded the HKIE Outstanding Paper Award for Young Engineers/Researchers 2017. Awardees of the Outstanding Paper Award were invited to share and exhibit their papers and accomplishments with some 40 members, practitioners and engineering students at a technical seminar held on 7 September 2017. The awarded papers, together with the three shortlisted papers, were published in the Special Issue of *HKIE Transactions* in December 2017.

The steady level of both submissions and subscription levels of *HKIE Transactions* is in no small measure attributed to the concerted efforts of a group of international intellectuals including Editors, Associate Editors, Transactions International Advisors and paper reviewers. The Committee will continue to enhance the quality and readership of *HKIE Transactions* in the coming Session.



Ir Prof CHAN Tat Leung

Chairman

Public Relations Committee

The Public Relations Committee (PRC) strives to continuously enhance the image of the HKIE and the visibility of the engineering profession among members, the media, the younger generation and the general public. During this Session the Committee put considerable effort into extending the promotion of the engineering profession to junior students. The Committee has just developed a new set of promotional materials targeted at this group of students, to enhance their understanding of the importance of engineering in our daily lives. This is in line with the objective of the Institution to actively support STEM education (Science, Technology, Engineering and Mathematics) in schools to help young people unleash their full potential to innovate.

Members of the Committee worked tirelessly to provide professional advice and support on the coordination and publicity of the HKIE “Smart Tomorrow, Engineers’ Motto” Programme. This Programme was the Institution’s signature event of the Session and was organised in association with the Hong Kong Science Museum from 7 to 21 April 2018. The Programme—comprising an exhibition, lectures and project site visits, attracted a record attendance of around 35,000 participants.

The HKIE School Ambassadors Programme continued to play an essential role in arousing wider interest in the engineering profession among the younger generation and the public. The Committee is pleased to report that 166 School Ambassadors were recruited to deliver a total of 40 school talks to more than 6,000 students in secondary schools and tertiary institutions during this Session.

The HKIE also participated in the Education and Careers Expo 2018 at the Hong Kong Convention and Exhibition Centre on 1 - 4 February 2018. A survey of visitors was conducted at the Expo to assist the Institution in crafting its future publicity plans. The Committee also arranged School Ambassadors to answer enquiries from university students, fresh graduates and young jobseekers during the Expo. By participating in these activities, the Committee hopes to nurture a new generation of talent for the engineering industry for the betterment of Hong Kong.

In order to foster closer relationships with the District Councils as well as the local community, the PRC accepted an invitation from the Yau Tsim Mong

District Building Management Promotion Campaign Organising Committee to deliver a talk on building management for the residents and property owners in Yau Tsim Mong District on 28 September 2017 at the Urban Renewal Resource Centre. This seminar was well received by about 100 participants. Two courtesy visits to the Institution for the Tuen Mun and Kowloon City District Councils were also arranged on 18 January and 14 May 2018 respectively, to exchange views on various district engineering projects.

To promote the image of the Institution and strengthen public understanding of the engineering profession, the PRC published a series of engineering stories in the education column of the Sing Tao Daily. The PRC also supported the Classified Post website (<http://www.cpjobs.com/hk>) and the JobsDB Online Platform (<https://hk.jobsonline.com/hk>) by contributing informative articles on a range of topics including market trends, experience sharing and advice on building a career in engineering.



Ir Prof Adam S C CHOY

Chairman

PLANNING COMMITTEE

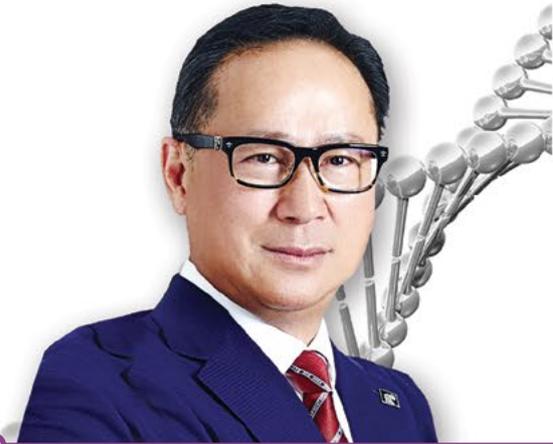
The Planning Committee continued to review and update the long-term development plan for the Institution to ensure that the planned actions under the Three-Year Rolling Plan for Sessions 2017/2018 to 2019/2020 could be effectively carried out in the Session under review.

Under the theme “Engineering a New Horizon from 70 Years’ Foundation” of Session 2017/2018, a host of activities was organised, including the HKIE Concert 2017 - “The Sound of Engineers, Seventy Years & Beyond” and the HKIE “Smart Tomorrow, Engineers’ Motto” Programme covering an exhibition, smart lectures, project site visits. In keeping members updated of the development of the Mainland and the Belt & Road Initiative and exploring the relevant opportunities,

a Conference on Greater Bay Area was organised, and a delegation visit to Cambodia was held.

To formulate a long-term development plan for the Institution and vision for the future, the HKIE Strategy and Development Day was held. Views and suggestions generated will be put up for consideration in developing the Institution’s strategy in the future.

The Committee worked in accordance with the timeframe and flowchart of the planning cycle in reviewing the overall performance and objectives of the Institution. The Three-Year Rolling Plan for the coming Sessions 2018/2019 to 2020/2021 was reviewed and accepted.



Ir Dr Joseph K H CHOI

Chairman

ACCREDITATION BOARD

As a full signatory to the Washington Accord, the Institution has established itself as the internationally-recognised body in Hong Kong for the accreditation of engineering degree programmes. As of June 2018, a total of 111 engineering degree programmes (including three in Macau) are accredited by the HKIE. During the past year the Board carried out three accreditation visits to local institutions to evaluate nine engineering degree programmes.

The first round of outcomes-based accreditation visits was successfully completed in 2016. As an accrediting body for engineering degree programmes in Hong Kong, the Institution will continue to conduct outcomes-based accreditation for engineering degree programmes and a new round of accreditation has already been scheduled in Hong Kong.

Commissioned by the Accreditation Board, the Task Force on the Accreditation of MSc Degree Programmes in Engineering Fields (Task Force) has commenced a study on the feasibility of developing the accreditation system for

engineering programmes at Master-degree level. The Task Force continued to consult various stakeholders and tertiary education institutions about this initiative.

It is important for faculty members to continuously improve the student learning through the design of assessment processes, development of measurable learning outcomes as well as application of data collection and data reporting methods. To help achieve this goal, Professor Daina Briedis, an overseas member of the Board and experienced ABET Trainer and Evaluator, was invited to conduct a one-day workshop for university faculty members in December 2017. The focus of the workshop was on outcomes-based assessment processes for engineering degree programmes under the outcomes-based approach.

The Board is committed to achieving the highest standard in its accreditation service. To this end, it maintained a close working relationship with local universities and had periodic exchanges and discussions with other accreditation authorities in the region and the Washington Accord jurisdictions throughout the year.



Ir Peter Y WONG

Chairman

Accreditation Committee for Computer Science Programmes

The Accreditation Committee for Computer Science Programmes has laid a solid foundation for the operation and development of a robust accreditation system for computer science degree programmes in Hong Kong.

The HKIE has been a full signatory of the Seoul Accord since 2009. The Seoul Accord is an international mutual recognition agreement on the accreditation of degree programmes in computing as well as information and communication technology (ICT). As a full signatory to the Seoul Accord, all computer science and ICT degree programmes accredited by the HKIE are fully recognised by other signatories to the Accord including Australia, Canada, Chinese Taipei, Japan, Korea, the United Kingdom and the United States. At present

a total of 17 computer science degree programmes are accredited by the HKIE.

In accordance with the Seoul Accord rules and regulations, every jurisdiction with full signatory status is required to undergo a verification process every six years. The purpose is to verify whether their accreditation system and the outcomes of the accredited computer science programmes remain substantially equivalent to those in other signatories of the Seoul Accord.

A Seoul Accord Review Panel, which consisted of representatives from the United States, Korea and Chinese Taipei, completed the verification process for the HKIE in November 2017. The Review Panel observed two HKIE accreditation visits to the Hong Kong Polytechnic University and Hong Kong Baptist University in October and November 2017, as well as the HKIE Accreditation Committee for Computer Science Programmes meetings in June 2017 and May 2018. The HKIE received very positive comments from the Seoul Accord Review Panel.



Ir Dr CHAN Chun Leung

Chairman



Ir Albert W K TO

Chairman

Accreditation Committee for Higher Diploma Programmes

The Institution has been a full signatory of the Sydney Accord since 2003. All engineering and computing higher diploma and equivalent programmes accredited by the HKIE are fully recognised by the other signatories including Australia, Canada, Chinese Taipei, Ireland, Korea, New Zealand, South Africa, the United Kingdom and the United States. As of June 2018, a total of 38 higher diploma and equivalent programmes are accredited by the HKIE.

In accordance with the Sydney Accord rules and regulations, every jurisdiction with full signatory status is required to undergo a verification process every six years. The purpose is to verify whether their accreditation system and the outcomes of the engineering technologist programmes remain substantially equivalent to those in other signatories of the Accord.

The HKIE underwent the Sydney Accord Review in 2017 and the HKIE accreditation system was accepted by the other Sydney Accord Signatories for six years, as it has led to outcomes substantially equivalent to the Accord's requirements.