

Hong Kong Academy of Engineering Sciences

(Incorporated with limited liability)

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PR/HKAES/26AGM

President's Report (2018-2019)

Ir Prof P C Ching

1 New Fellows

At the 25th Annual General Meeting held on 10th December 2018, five (5) new Fellows were elected, bringing the register of HKAES Fellows to 79. They are:

- (i) Ir Prof Cheng Tai Chiu, Edwin
- (ii) Ir Prof Lui Chi Shing, John
- (iii) Ir Dr Wong Kwok Keung, Peter
- (iv) Ir Prof You-Lin Xu
- (v) Prof Xiang Zhang

2 粤港澳大湾区院士专家创新创业联盟

“Innovation & Nurturing Alliance of GD HK Macao GBA Fellows”

In early 2019, HKAES received an invitation from the 广东院士会 to join as a founding member of the formation of 粤港澳大湾区专家创剖创业联盟。A major innovation competition within the GBA is under planning at this stage. To signify HKAES's participation in the assembly, a plaque was presented to me.



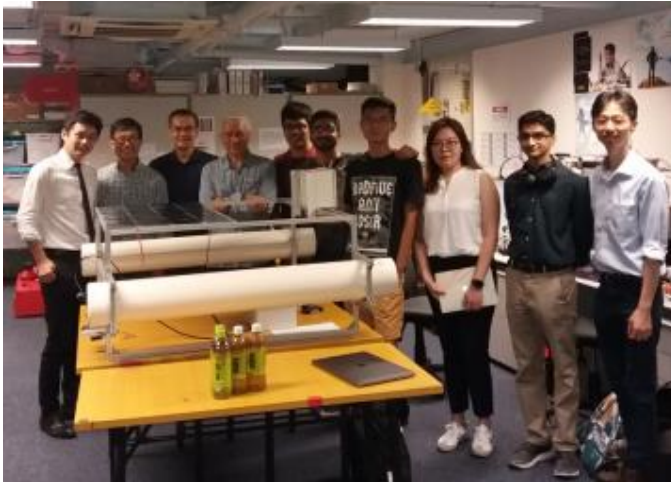
To enhance our relationship, Ir Dr Otto Poon, Ir Dr C K Lau, Ir Dr Paul Poon and I participated at the main meeting of the 广东院士高峯会 at 東莞国际會議中心 on 28th Nov.

3 Global Grand Challenges Summit 2019

Chinese Academy of Engineering (CAE) invited HKAES to select a “Joint-University Team” from Hong Kong SAR as one of the five (5) teams representing China to participate in the Student Team competition of the Global Grand Challenges Summit (GGCS) 2019 in London. We invited student teams from CUHK, CityU, HKU, HKUST and PolyU to participate in the HKAES Joint Student Team selection. The HKU team formed by 4 UG students won the selection. Together with a selected student CityU and another from HKUST, the Joint Student Team was formed.

With the additional efforts from the team trainers and further coaching from our very devoted members of the Panel of Judges, the China HKASR Joint Team won the 2nd Prize in the Student Competition on 13th September in London.

Congratulations to the students of the Joint University Team. Many thanks to the support from the universities, Team Coach/Trainer, Dr C K CHUI and Mr Sidhant GUPTA from HKU, and the Panel of Judges led by Ir Dr Andrew CHAN for their time and support to HKAES in competing in such a meaningful event.



Further coaching of the HKSAR Joint University Team at HKU



President P C and the HKSAR Joint University Team at the GGCS 2019 London

4 HKAES Beijing Visit (17th~19th November 2019)

Past President Ir Prof Joseph Lee, Hon Secretary Ir Dr Alex Chan, Hon Treasurer Ir Prof Alfonso Ngan and I visited Beijing and met the Chinese Academy of Engineering, the Guanghua Engineering Science and Technology Award Foundation, the Ministry of Science and Technology (MOST) and the China Association of Science and Technology (CAST) on 18th and 19th November. Senior Vice President Ir Dr Otto Poon was initially with the team but was not able to join due to some unforeseen circumstances.

We visited CAE in the morning of Nov 18 and were received by Vice President Wang of CAE. We had a fruitful discussion on strengthening our future collaboration and cooperation, particularly on forming university student teams in competing for the Global Grand Challenges Summit Awards. We have also touched base on organizing the second CAE-HKAES Technology Forum in 2020 (the first joint forum was held in 2015).

After the CAE meeting, we visited the Guanghua Engineering Science and Technology Award Foundation. We had a thorough exchange on the process of selecting and nominating qualified candidates in Hong Kong SAR by HKAES. We had also discussed the possibility of hosting an official award ceremony in Hong Kong to raise the profile of the Award.

After lunch, we visited MOST and were introduced by various officials of the Ministry on the strategic planning and development of science and technology in China. There was also an exchange on how to engage our fellows to participate in formulating roadmap and project definition on certain strategic scientific and technological areas. We were also told that Hong Kong would have an important role to play in promoting engineering and technology development in Greater Bay Area. Joseph left Beijing after the visit to MOST.

We visited CAST on morning of Tuesday, Nov 19. We were received by the Executive Secretary together with his colleagues from various departments. We had an extensive dialogue on how to promote institutional collaboration on different fronts, particularly on STEM education and ways to raise the awareness of science and technology to the general public.

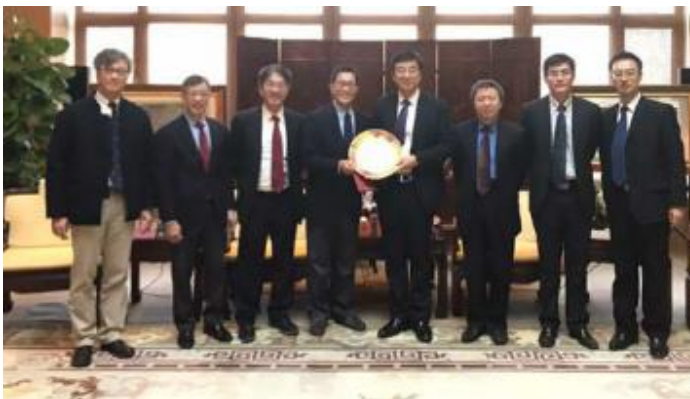


Photo with Representatives of China Academy of Engineering



Photo with Representatives of Guanghua Engineering Science and Technology Award Foundation



Photo with Representatives of Ministry of Science and Technology



Photo with Representatives of China Association of Science and Technology

5 HKAES Functions

a. Council Meetings

Four (4) Council Meetings were held during the 2018-2019 session:

95th Council Meeting (29th January 2019)

96th Council Meeting (15th April 2019)

97th Council Meeting (15th July 2019)

98th Council Meeting on (14th October 2019)

b. New Fellows Welcome Dinner (29th January 2019)

HKAES newly elected Fellows 2018 including Ir Prof Cheng Tai Chiu Edwin, Ir Dr Wong Kwok Keung Peter, Ir Prof You-Lin Xu and Prof Xiang Zhang were formally admitted into HKAES after the sworn in and signing on the Roll of Fellows. Later they were presented with the Fellow Certificates. Ir Prof Lui Chi Shing John was not available that evening and was given his Fellow Certificate later.



New Fellows 2018 at the Welcome Dinner

c. Academy Dinners

1st Academy Dinner (15th April 2019)

Guest of Honour – Ir Dr Lo Wai Kwok, HKAES Fellow and Legislative Councillor, Engineering Functional Constituency, Hong Kong SAR.

2nd Academy Dinner (15th July 2019)

Guest of Honour – Prof Lawrence J. Lau, Former President and Vice Chancellor of the Chinese University of Hong Kong, world renowned economist.

3rd Academy Dinner (14th October 2019)

Guest of Honour – Dr Sunny Chai, Chairman, Hong Kong Science and Technology Park Corporation.



2nd Academy Diner - GoH Prof. Larry Lau,
Former President and VC, CUHK



3rd Academy Dinner - GoH Dr Sunny Chai, Chairman,
Hong Kong Science & Technology Park Corporation

6 Other Activities

a. Joint Breakfast Meetings

HKAES, in cooperation with the Hong Kong Academy of Sciences (ASHK), Hong Kong Institute of Sciences (HKSI) and the Hong Kong Federation of Industries (FHKI) have been organising joint breakfast meetings four times every year. Officials from the Hong Kong SAR Government were invited to be the Guests of Honours. The purpose of the meeting is to update the latest development on policies and related activities in Hong Kong and the Greater Bay Areas on technology, innovation, incubation and industry activities.

Based on the outcome of 1st meeting in 2019 hosted by HKAES, we nominated Ir Prof H S Kwok to support FHKI on the improvement work of micro-electronics.

b. Distinguished Master, Accomplished Students

HKAES were invited to support the STEM promotion project. Fellows of HKAES, alongside with Fellows of ASHK and HKSI would be mentors of selected secondary school students for a mentoring duration of about 18 months prior to their DSE examinations. This is the second round of the project. The inauguration ceremony was held on 31st March 2019 and lots of HKAES were presented.

c. Meeting and Dinner with Liaison Office of the Mainland Government

On 25th March 2019, HKAES Council Members were invited to have dinner at the Liaison Office of the Mainland Government. The dinner was hosted by 中联办谭铁牛副主任. We had a good chat with 谭主任 including our coverage of membership, established relationship with CAE and our participation in the Guanghua Prize, GGCS Student Competition, our participation in the GBA and desire to establish a better cooperation with both the Mainland Government and Hong Kong SAR Government in advancement of engineering, technologies and innovations.

d. Joint Project with ASHK – Display Centre in HKSTP

HKAES accepted the invitation from ASHK to form a display centre in the Hong Kong Science and Technology Park to promote the interests of the public on STEM. Fitting out works and associated display preparation were in progress. A formal notice will be issued to Fellows later. Ir Prof Wallace Leung is the coordinator of this project.

7 Concluding Remarks

2019 is a busy year for HKAES despite the social unrest happened in the second half of the year, I would like to take this opportunity to thank all fellows for your unfailing support which is definitely a driving force for us to move forward. There is still a lot for us to do in the coming year in order to fulfill the vision and mission of our Academy, I continue to count on your encouragement, trust and support.



Ir Prof P C Ching

President

HKAES (2018-2019)