

The Hong Kong Institution of Engineers  
Biomedical Division  
Chairman's Annual Report (Session 2018/2019)

**1. Introduction**

With the dedication of our Committee and active participation by members, the Biomedical Division (BMD) has gone through a fruitful year of Session 2018/2019.

The Division has undergone very good developments over the past 30 years. I am glad to see the Division's continuous contribution as a learned society and sharing platform for the biomedical engineering field in Hong Kong. To keep up with the emerging technologies in biomedical profession worldwide, the BMD has organised various activities in collaboration with other institutions, the industry and the academia in:



1. supporting local biomedical engineering research and development;
2. promoting knowledge exchange among the academia, industry and overseas biomedical engineering society;
3. organising technical training, workshops and visits; and
4. empowering young students to pursue the profession.

During this Session, the BMD participated in the “The 28th Congress of Japan Association for Clinical Engineers (JACE)” in order to foster stronger connection with overseas biomedical engineering societies and enhance members’ appreciation of worldwide development in the field. During the congress, the BMD was invited to give a keynote seminar in this highlighted event. In the keynote speech “Clinical engineering and management in Hong Kong”, Mr. Will LEUNG of HKIE-BMD gave practical examples of the practices of biomedical engineering in Hong Kong, in particular in the areas of clinical and hospital engineering, such as Healthcare Technology Management and hospital project management activities. He also shared the roadmap of becoming a professional biomedical engineer in Hong Kong, with highlights of our very unique Scheme “A” training.

Talks on “Seminar on Mobile Exo-neuro-musculo-skeleton for Upper Limb Rehabilitation after Stroke” and “Know more on Biomedical Engineering and Technology” were also delivered at the InnoCarnival together with booth exhibition, to promote and arouse the public’s interest to the profession. Moreover, the BMD proactively embarked on membership drive to undergraduates via various promotional events, including seminars on HKIE membership promotion and

biomedical engineering career talks at local universities.

The BMD also co-organized with The Chinese University of Hong Kong for the event of “Engineering Medical Innovation Global Competition (EMedIC Global 2018)”, in encouraging university students in demonstrating their innovative ideas in developing different medical device technologies and solutions. Moreover, the BMD continued to support the competition “Gerontech Youth Challenge” organised by The Hong Kong Council of Social Service for encouraging primary and secondary students in Hong Kong to demonstrate their creativity and engineering capability in developing gerontechnology.

I would like to extend my gratitude to the excellent support from the HKIE Headquarters and other Divisions’ enthusiastic collaboration. The active participation of all of our Committee Members and stakeholders are also crucial for organising the activities during the year. In the upcoming year, the BMD will continue promotion of the field, organising learned society activities and attract young talents to pursue the biomedical engineering profession. I have great confidence that the new Committee members will lead the Division to the next era, with healthy growth and contributions benefiting our biomedical engineering profession, industry and community.

### **Division Activities**

<b><u>Date</u></b>	<b><u>Name of Activity</u></b>	<b><u>Co-organiser(s)</u></b>	<b><u>Speaker(s)/ Guest(s)</u></b>
26 – 27 May 2018	28th Congress of Japan Association for Clinical Engineers	Japan Association for Clinical Engineers	Mr. Will LEUNG
16 – 18 August 2018	EMedIC Global 2018	CUHK, HKIE-BMD	Various
3 November 2018	Seminar on Mobile Exo-neuro-musculo-skeleton for Upper Limb Rehabilitation after Stroke	Hong Kong Science Park	Dr. HU Xiaoling
3 November 2018	Seminar on “Know more on Biomedical Engineering and Technology”	Hong Kong Science Park	Various
3-11 November 2018	InnoCarnival Exhibition	Hong Kong Science Park	N/A
12-31 January 2019	“Gerontech Youth Challenge” Competition	Hong Kong Council of Social Service	N/A
22 March 2019	Membership Drive Activity at PolyU	HKIE-BMD, PolyU	Various
23 March 2019	Technical Visit to Jockey Club Smart Ageing Hub	HKIE-BMD, PolyU	Various
26 March 2019	Membership Drive Activity at HKU	HKIE-BMD, HKU	Various
29 March 2019	Membership Drive Activity at CUHK	HKIE-BMD, CUHK	Various

**List of Committee Members for Session 2018/2019**

<u>Post</u>	<u>Title</u>	<u>Name</u>
Chairman	Ir Prof	CHOW Hung Kay
Immediate Past Chairman cum Ex-officio Member (Discipline Representative; Council Member (Division))	Ir	Raymond POON Kwok Ying
Deputy Chairman	Ir Prof	Richard SO Hau Yue
Hon Secretary	Ir	SIU Hiu Fai Stanley
Hon Treasurer	Ir	CHOI Pong Chi Alex
Committee Member (Public Relations Committee (PRC) Representative)	Ir	CHU Yiu Mo Moises
Committee Member (Community Service Committee (CSC) Representative)	Ir	SO Man Kit Bryan
Committee Member (Continuing Professional Development Committee (CPDC) Representative)	Ir Dr	LIN Yuan
Committee Member	Ir Dr	CHIU Ping Kuen Peter
Committee Member	Ir	WONG Yuk Ming David
Committee Member	Ir Prof	SUN Dong
Committee Member	Ir Prof	TONG Kai Yu Raymond
Committee Member	Ir Dr	ZHANG Ming
Committee Member	Ir	CHAN Yau Sing
Committee Member	Ir Dr	TAM Wing Cheung Eric
Committee Member	Ir	FU Kwok Fu Raymond
Committee Member	Mr	LEUNG Ling Hang Will
Ex-officio Member (Safety Specialist Committee Representative)	Ir	CHAN Po Loi Paul
Ex-officio Member (Associate Members Committee Representative)	Ir	YUEN Lai Man
Ex-officio Member (Young Members Committee)	Ir	SHAM Cheuk Kiu Ackle
Co-opted Member	Mr	LEE Ming Hung Thomas
Co-opted Member	Mr	TAI Chi Wah Tony
Co-opted Member	Mr	CHOI Yiu Fai Johnny