

The Hong Kong Institution of Engineers
Biomedical Division
Chairman's Report (Session 2011/12)

1. Introduction

With the leadership and dedication of our executive board members and keen participation of our members, the Biomedical Division (BMD) has gone through a fruitful year of Session 2011/2012.



The global aging trend is noticeable both locally and worldwide, coupled with the ever-increasing standard of quality living and healthcare and the past year has seen persistent growth and development of biomedical engineering. In view of this trend, the BMD has organised and jointly organised a wide scope of activities in collaboration with various stakeholders in the field which included the industry, the academia and the government to:

- encourage local biomedical engineering research and experimentation;
- support the local industry in areas of product design, development and commercialisation;
- conduct technical training, workshops and visits; and
- inspire and attract more young students to pursue the profession.

The BMD played an important role to serve our society, hospitals, medical centres, medical device industry, academia and all other related stakeholders.

During this Session, the BMD successfully secured the government funding under the Professional Services Development Assistance Scheme (PSDAS) of the Commerce and Economic Development Bureau (CEDB), which is the fifth successful PSDAS approved project of the Division. The theme of this year's PSDAS project is ***"To enhance the professional competence of biomedical engineers in medical device safety through the mastering of update knowledge on technology innovation, regulatory affairs and health technology assessment"***, and under this theme the BMD will continue to organize relevant activities in the upcoming Session. Above all, the successful application for PSDAS funding paves the way for the organization of the upcoming BME2012 Biennial Conference, which is an international event attracting professionals from the international arena in the biomedical engineering field to

assemble and cultivate engineering innovations.

A series of CPD seminars were organised in this session which included: Application of Sterilisation Technology in Medical and Healthcare Devices; eHealth Awareness for IT Professionals; Technical Seminar on Medical Technology Management: Practice, Organisation and Education; and COMSOL Multiphysics Application on Biomedical Engineering. The BMD also proactively embarked on membership drive to engineering undergraduates via various promotional events, namely: Career Talk in HKU for Medical Engineering Students; Guest Lecture at CUHK - A Professional Organisation for Biomedical Engineers in Hong Kong; and Alumni Sharing Session Co-organised with PolyU Alumni Association. In addition, technical visits and certificated training courses were conducted, namely: Two-Day Certificated Practical Training Course on Medical Device Product Registration in China; Study Mission to Beijing on Medical and Healthcare Devices.

I would like to extend my gratitude to the enthusiastic support from the HKIE Headquarters and other Divisions, and particularly for the dedicated collaboration of all our Executive Committee Members and relevant stakeholders. Without their support and professional contribution, the BMD would not have been so successful in organizing these activities during the year. In the upcoming year, the BMD will continue to promote high quality continued professional training to biomedical engineers, to attract young talents to pursue the biomedical engineering profession, to provide excellent services to the clinical institutes, and ultimately to safeguard the benefit and interest of the general public. I have great confidence that the new session, with the incoming chairman, Ir Dr CHAN Kwok Kwan, and the Committee members, will lead the Division to the next and higher era, with a view to benefiting our biomedical engineering profession, the industry and the community.

Thank you all for your dedication to the Biomedical Division. We look forward to your continued support in the coming session.



Ir Albert POON Ka-fat CCE FHKIE
Chairman, session 2011/12

2. Division Activities

<u>Date</u>	<u>Type of Activity</u>	<u>Topic(s)</u>	<u>Speaker(s)</u>
10 June 2011	CPD Seminar	CPD Seminar on Application of Sterilisation Technology in Medical and Healthcare Devices	Mr JY MO Sales Manager Shenzhen JPY Ion-Tech Company Ltd
14-15 July 2011	Workshop	Two-Day Certificated Practical Training Course on Medical Device Product Registration in China	Ms HUANG Jin Vice Secretary Shenzhen Association of Medical Devices
16-19 August 2011	Technical Visit	Study Mission to Beijing on Medical And Healthcare Devices	Multiple speakers
26 August 2011	CPD Seminar	Technical Seminar: eHealth Awareness for IT Professionals	Dr CP WONG Chairman Clinical Informatics Program Executive Group, Hong Kong Hospital Authority
18 November 2011	Seminar	Success Sharing Seminar To The Students In HKU	Mr Tommy LAM and other speakers
25-26 November 2011	Conference	Hong Kong Optical Engineering International Conference 2011	Multiple Speakers
6 December 2011	CPD Seminar	Technical Seminar on Medical Technology Management: Practice, Organisation and Education	Mr Anthony CHAN Program Head, Biomedical Engineering Technology in School of Health Sciences British Columbia Institute of Technology
13 January 2012	Seminar	Guest Lecture at CUHK - A Professional Organisation for Biomedical Engineers in Hong Kong	Ir Raymond POON
4 February 2012	Seminar	Alumni Sharing Session Co-organised with PolyU Alumni Association	Ir David WONG and other speakers
24 February 2012	Seminar	Presentation at the CUHK Biomedical Engineering undergraduate program on "BME Industrial R&D and Consultancy"	Mr Bryan SO
9 March 2012	Seminar	Presentation at the CUHK Biomedical Engineering undergraduate program on "Standards and Regulatory Affairs"	Mr Bryan SO
16 March 2012	Seminar	The Development of Biomedical Engineering in Hong Kong	Ir Albert POON Ka Fat
31 March 2012	CPD Seminar	COMSOL Multiphysics Application on Biomedical Engineering	Dr Lynn AN Chief Marketing Officer CnTech
11 April 2012	Seminar	Career Talk in HKU for Medical Engineering Students	Mr Bryan SO

3. List of Committee Members for Session 2011/12

<u>Post</u>	<u>Title</u>	<u>Name</u>
Chairman	Ir	Albert POON Ka-fat
Immediate Past Chairman	Ir Prof	William LU
Deputy Chairman	Ir Dr	CHAN Kwok Kwan
Hon Secretary	Ir	Raymond POON
Hon Treasurer & Committee Member (Public Relations Committee (PRC) Representative)	Ir Dr	Kelvin YEUNG
Committee Member (Community Service Committee (CSC) Representative)	Ir	Richard LUN Chi Chung
Committee Member (Continuing Professional Development Committee (CPDC) Representative)	Ir	David WONG
Committee Member	Ir Prof	Ying CHAU
Committee Member	Ir Dr	Peter CHIU
Committee Member	Ir	Andy CHUNG
Committee Member	Ir	Raymond FU
Committee Member	Ir Prof	Aaron HO
Committee Member	Ir	Ricky OR
Committee Member	Ir	LC SO
Committee Member	Ir Dr	Eric TAM
Committee Member	Ir	Yorkie CHOW Yuk Ki
Committee Member	Ir Prof	Peter YU
Ex-officio Member (AMC Representative)	Mr	YUEN Lai Man
Ex-officio Member (YMC Representative)	Mr	Ryan CHAK Hok Leung
Ex-officio Member (Council Member (Division))	Ir Prof	John MOK
Ex-officio Member (Discipline Representative)	Ir Prof	Daniel CHOW Hung Kay
Co-opted Member	Ir Dr	ZHENG Yong Ping
Co-opted Member	Mr	Bryan SO
Co-opted Member	Dr	Michael TO