

Pre-Conference Workshop (TUESDAY, 2 November 2010) Hong Kong Productivity Council			
Time	Sessions	Venue	Moderators
08:45 – 09:15	Registration	1/F, Lecture Theatre	
09:15 – 09:25	Opening Remark: By Ir Prof William LU, BME2010 Conference Chair	1/F, Lecture Theatre	
09:30 – 10:15	Workshop: Development of Minimal Invasive Surgery: Laparoscopic, Robotic, Transluminal By Prof Philip CHIU, Associate Professor, Department of Surgery, The Chinese University of Hong Kong, Hong Kong	1/F, Lecture Theatre	Ir Prof William LU Ir David WONG
10:15 – 10:45	Tea Break		
10:45 – 11:30	Workshop: Advancement of Clinical Technologies in Dermoscopy By Dr David LUK, Associate Consultant, United Christian Hospital, Hong Kong	1/F Lecture Theatre	Ir Prof William LU Ir David WONG
11:35 – 12:20	Workshop: Advanced Manufacturing Technology on Medical Device Product Design and Development By Ir Derek LOUIE, Principal Consultant, Hong Kong Productivity Council, Hong Kong	1/F, Lecture Theatre	Ir Prof William LU Ir David WONG
12:30 – 14:00	Lunch		
14:00 – 14:45	Workshop: Medical Product Development and Rapid Prototyping By Mr. Ivan FUNG, General Manager, JIE Technology Company Ltd, Hong Kong	1/F, Room 1022	Ir Prof William LU Ir David WONG
14:50 – 15:35	Workshop: Advanced Medical Imaging Solution for Image-Based Applications By Dr Lawrence YU, Manager, Materialise N.V., China	1/F, Room 1022	Ir Prof William LU Ir David WONG
15:40 – 16:00	Tea Break		
16:00 – 16:30	Workshop: Bio-Medical Electronics Applied Research and Product Development By Ms Alice CHOW, Project Manager, Bio-Medical Electronics, ASTRI, Hong Kong	1/F, Room 1022	Ir Prof William LU Ir David WONG
16:35 – 17:35	The Convergence Forum- Strength and Future Prospect of Hong Kong in Research & Regulatory in Biomedical Engineering	1/F, Lecture Theatre	Ir Prof William LU Ir David WONG
Conference (TUESDAY, 2 November 2010), Hong Kong Productivity Council *concurrently with Pre-Conference Workshop in the afternoon			
Time	Sessions	Venue	Moderators
13:20 – 13:50	Registration	1/F Lecture Theatre	
13:50 – 14:00	Opening Remark: By Ir Prof William LU, BME2010 Conference Chair	1/F, Lecture Theatre	
14:00 – 14:30	Keynote Presentation: The Essential Information and Preparation Needed to Carry out a Clinical Trial By Dr TJ YAO, Senior Medical Statistician, Clinical Trials Centre, Faculty of Medicine, The University of Hong Kong, Hong Kong	1/F, Lecture Theatre	Ir Prof John MOK Ir Albert POON
14:35 – 15:05	Keynote Presentation: Biology vs Mechanics- the Challenges of Hip Resurfacing By Dr Jason BROCKWELL, Hip & Pelvic Surgery, Asia Medical Specialists, Hong Kong	1/F, Lecture Theatre	Ir Prof John MOK Ir Albert POON
15:10 – 15:40	Keynote Presentation: Essential Knowledge on Medical Device Regulatory in Asia for Biomedical Engineers and Regulatory Specialists By Mr Jack WONG, General Manager, British Standards Institution, Hong Kong	1/F, Lecture Theatre	Ir Prof John MOK Ir Albert POON
15:40 – 16:00	Tea Break		
16:00 – 16:30	Keynote Presentation: Medical Device Regulatory Framework in Hong Kong By Mr LAM Shun-Yuen, Senior Electronics Engineer, Medical Device Control Office, Department of Health, The Government of HKSAR, Hong Kong	1/F, Lecture Theatre	Ir Prof John MOK Ir Albert POON
16:35 – 17:35	The Convergence Forum- Strength and Future Prospect of Hong Kong in Research & Regulatory in Biomedical Engineering	1/F, Lecture Theatre	Ir Prof John MOK Ir Albert POON
Conference (WEDNESDAY, 3 November 2010), Hong Kong Convention and Exhibition Centre			
Time	Sessions	Venue	Moderators
08:15 – 08:45	Registration	2/F, S221	
08:45 – 09:15	Opening Ceremony Speech by Guest-of-Honor : Dr York YN CHOW, GBS, JP, Secretary for Food and Health, The Government of HKSAR Welcome Address by Conference Chair : Ir Prof William LU, BME2010 Conference Chair	2/F, S221	Ir Prof William LU Ir Prof Arthur MAK
09:20 – 10:00	Keynote Presentation: Targeting Angiogenesis for Bone Repair By Prof Thomas L. CLEMENS, Director, Centre for Musculoskeletal Research, Department of Orthopaedic Surgery, Johns Hopkins University, USA	2/F, S221	Ir Prof William LU Ir Prof Arthur MAK
10:00 – 10:30	Tea Break		
10:30 – 11:05	Keynote Presentation: Novel Biodegradable Elastomers for Tissue Engineering, Drug Delivery and Bioimaging By Dr Jian YANG, Professor, Department of Bioengineering, The University of Texas at Arlington, USA	2/F, S221	Ir Prof William LU Ir Prof Arthur MAK
11:10 – 11:45	Keynote Presentation: Updates on China SFDA Medical Device Regulations (Including Pre-market Approval Requirements) & Upcoming Involvement By Ms Jin HUANG, Vice Secretary, Shenzhen Association of Medical Devices, China	2/F, S221	Ir Prof William LU Ir Prof Arthur MAK
11:50 – 12:25	Keynote Presentation: Lessons learnt from the HKU Degenerative Disc Disease Cohort: Implications for Intervertebral Disc Repair and Regeneration By Prof Kenneth CHEUNG, Deputy Chief, Division of Spine Surgery, LKS Faculty of Medicine, The University of Hong Kong, Hong Kong	2/F, S221	Ir Prof William LU Ir Prof Arthur MAK
12:25 – 14:00	Lunch		
14:00 – 14:35	Keynote Presentation: An IEEE Evaluation Standard for the Wearable and Cuff-less Blood Pressure Measuring Devices By Prof Carmen C.Y. POON, Research Assistant Professor, Department of Electronic Engineering, The Chinese University of Hong Kong, Hong Kong	3/F, Hall 3F, Fairground	Ir Dr Eric TAM
14:40 – 15:15	Keynote Presentation: Robotic Manipulation of Biological Cells with Optical Tweezers for Biomechanical Characterization at Cellular Level By Prof Dong SUN, Professor, Department of Manufacturing Engineering and Engineering Management, City University of Hong Kong, Hong Kong	3/F, Hall 3F, Fairground	Ir Dr Eric TAM
15:20 – 16:25	Concurrent Sessions Section A: Biomechanics	2/F, S226-227	Ir Dr Eric TAM
	Section B: Best Young Engineers' Paper Competition	3/F, Hall 3F, Fairground	Ir Dr Kelvin YEUNG Mr Bryan SO
16:25 – 17:30	Concurrent Sessions Section C: Biomaterials and Tissue Engineering (I)	2/F, S226-227	Dr Barbara CHAN
	Section D: Medical Imaging	3/F, Hall 3F, Fairground	Dr Yong HU
17:30 – 19:00	Cocktail Session (By Invitation Only)	3/F, Hall 3F, Fairground	
Conference (THURSDAY, 4 November 2010), Hong Kong Convention and Exhibition Centre			
Time	Sessions	Venue	Moderators
08:00 – 08:30	Registration	2/F, S221	
08:30 – 08:40	Opening Remark: By Conference Co-chair, Ir Prof John MOK	2/F, S221	
08:45 – 09:20	Keynote Presentation: The Future of the R&D of Medical Device in China By Prof Yubo FAN, Professor, Bioengineering Department, Beihang University, China	2/F, S221	Ir Prof John MOK Ir David WONG
09:25 – 10:00	Keynote Presentation: Key Genetic Factor During Bone Remodeling and Ageing By Prof Xu CAO, Lee Riley Professor & Co-Director, Centre for Musculoskeletal Research, Department of Orthopaedic Surgery, Johns Hopkins University, USA	2/F, S221	Ir Prof John MOK Ir David WONG
10:05 – 10:20	Prize Presentation for Best Young Engineers' Paper Competition	2/F, S221	Ir Prof John MOK Ir David WONG
10:20 – 10:40	Tea Break		
10:40 – 11:15	Keynote Presentation: Development of high-throughput yeast-based activity-guided screening assay targeting HMG-CoA Reductase activity and isolation of active constituents inhibit HMG-CoA reductase activity from total triterpenoids saponins of Gynostemma pentaphyllum By Prof Wendy HSIAO, Associate Professor, Department of Physical Education, Hong Kong Baptist University, Hong Kong	2/F, S221	Ir Dr Eric TAM
11:20 – 11:55	Keynote Presentation: Understanding of molecules and/or biomarkers in cancer By Prof Benjamin YUNG, Head & Chair Professor, Department of Health Technology & Informatics, The Hong Kong Polytechnic University, Hong Kong	2/F, S221	Ir Dr Eric TAM
12:00 – 12:35	Keynote Upcoming Changes to US FDA Medical Device Premarket Notification [510(k)] Process By Mr Albert LI, Manager, Office of Medical Evaluation, Center for Measurement Standards, Industrial Technology Research Institute, Taiwan	2/F, S221	Ir David WONG Mr Bryan SO
12:35 – 14:00	Lunch		
14:00 – 14:35	Keynote Presentation: Biochips for Single-cell Analysis By Dr Levent YOBAS, Assistant Professor, Department of Electronic & Computer Engineering, The Hong Kong University of Science and Technology	2/F, S226-227	Ir Dr Eric TAM
15:00 – 16:05	Concurrent Sessions Section E: Computer Modeling and Simulations	2/F, S226-227	Ir David WONG
	Section F: Biomaterials and Tissue Engineering (II)	3/F, Hall 3F, Fairground	Ir Prof Min WANG
16:05 – 17:10	Concurrent Sessions Section G: Bioengineering & Clinical Application	2/F, S226-227	Prof Daniel CHOW
	Section H: Medical Device and Diagnostics	3/F, Hall 3F, Fairground	Ir Dr Eric TAM
17:10 – 17:25	Closing Remark: By Conference Co-chair, Ir Prof John MOK	3/F, Hall 3F, Fairground	
Institutional Visit (FRIDAY, 5 November 2010), Shenzhen			
Time	Itinerary (Tentative)		
08:30 – 09:00	Registration		
09:00	Depart from Hong Kong		
10:00	Arrive Institute of Biomedical and Health Engineering (IBHE), Shenzhen Institute of Advanced Technology (SIAT) 中國科學院深圳先進技術研究院 生物醫學與健康工程研究所		
10:10 – 10:30	Introduction to the Institute of Biomedical and Health Engineering (IBHE)		
10:30 – 11:30	Guided tour to IBHE facilities		
11:30 – 12:00	Q&A and networking session Delivery of souvenirs		
12:00	Lunch		
14:00	Arrive Shenzhen Testing Centre of Medical Device (SZDA) 深圳市醫療器械檢測中心		
14:10 – 14:30	Centre Introduction		
14:30 – 15:30	Guided tour to SZDA facilities		
15:30 – 16:00	Q&A and networking session Delivery of souvenirs		
16:00	Depart from Shenzhen		

All section titles, programme content and rundown are subject to amendments without prior notice