

Prof Jack CHENG

# 第一屆香港國際醫療三維打印臨床應用座談會

## **Interdisciplinary Clinical 3D Printing Forum 2018**

#### 28 July, 2018 Saturday **Charles Kao Auditorium, Hong Kong Science Park**

Time	Programme	** Subject to Update **	Moderators / Speakers	
8:30	Registration			
9:00	9:00 Opening Ceremony			
	Ms Ami SIN   Chair lady, Hong Kong	s Ami SIN   Chair lady, Hong Kong 3D Printing Association uests of Honour:		
	Guests of Honour:			
Dr Bernard PL CHAN   Secretary for Commerce and Economic Development, HKSAR Mr Patrick SIU   Chief Operating Office of Hong Kong Science and Technology Parks Corporation			ent, HKSAR	
			logy Parks Corporation	

Sessio	on I: A General Overview	Dr Thomas TSE Dr Sherby PANG
9:15	Application of 3D Printing in Orthopaedics - 5 Years Experience Sharing	Prof Jack CHENG
9:25	3D Tissue Printing and Regeneration Medicine	Prof William LU
9:35	Paving the Way Ahead after 20 Years Medical 3D Printing Applications	Ir Dr Martin WONG
9:45	Medical Metal 3D printing – Current Status in China	Dr Hong CAI
10:05	Radiologists' Role in Medical 3D Printing	Dr Kwok Chung LAI
10:15	Questions and Answers	
10:20	Morning Break	

Sessio	on II: Current Applications Across Specialties			Dr Christian FANG Dr Alec HUNG	
10:40	3D Printing for Spine Surg	BD Printing for Spine Surgery		Prof Kenneth CHEUNG	
10:50	Impact of Cardiovascular 3D Printing on Interventional Procedural Outcome			Prof Alex LEE	
11:00	3D Printing in Orbital Fracture Repair			Dr Kelvin CHONG	
11:10	From 3D - Printed Models, Instruments to Implants – Personalized Treatment for Bone Cancers			Dr Kwok Chuen WONG	
11:20	Questions and Answers				
11:25	3D Printing for Plastic and Reconstructive Surgery			Dr Sherby PANG	
11:35	3D Upper Limb Splint			Mr Shun Yiu WONG	
11:45	3D Printing to Optimize Bodily Function "a Fast Track from Idea to Product"			Mr Leo CHAN	
11:55	Applications of 3D printing in Prosthetic and Orthotic Service			Mr Kam Wai CHEN	
12:05	Questions and Answers				
12:10	Panel Discussion I: Quality and Cost Effectiveness in Medical 3D Printing			Moderator:	
	Panelists:			Dr Christian FANG	
	Dr Hong CAI	Prof Willium LU	Ir Dr Martin WONG		
	Prof Kenneth CHEUNG	Dr Kwok Chung LAI	Ir Bryan SO		

**Prof Alex LEE** 

#### 12:40 **Lunch**

Session III: Commercial Considerations of Medical 3D Printing				Dr Kelvin YEUNG Ir Dr Martin WONG
14:00	State of Art Software and Services in Streamlining Medical 3D Printing			Mr Koen PERRE
14:10	An Engineer's Perspective of 3D Printing for Medical Applications			Dr Ka Wai KWOK
14:20	Medical Metal 3D Printing - Challenges and Opportunities of Personalized Implants			Mr Edmond YAU
14:30	Regulatory Requirement and Concerns on Medical 3D Printing			Ir Bryan SO
14:40	Dentist Perspective as Pioneers of Medical 3D Printing – Bringing the Printer into Our Clinic			Dr Richard SU
14:50	When Doctors Know How to Use Engineering Software			Dr Christian FANG
15:00	Opportunities and Challenges of Advanced Manufacturing in Hong Kong			Ir Hing Leung YIU
15:10	Questions and Answers			
15:15	Panel Discussion II: Highlight Clinical Case Scenarios			Moderator:
	Dr Jason FAN	Dr Alec HUNG	Dr Chi Fai KAN	Dr Kelvin YEUNG
	Panelists:			
	Dr George NG	Dr Sherby PANG	Prof Alex LEE	
15:50	Afternoon Break			

Sessio	ssion IV: 3D Printing in State of Art Medical Research & Training			Ir Bryan SO Dr Kwok Chung LAI
16:05	3D Printed Mask for Facial	Prof Cecilia LI		
16:15	Application of 3D printing in Bioactive Scaffold – From Material Design to Clinical Application			Prof Ling QIN
16:25	3D Printing & Skill Training, the Way Forward			Dr George NG
16:35	Nanoscale 3D Printing for Bio/Nanomaterials			Dr Ji Tae KIM
16:45	Questions and Answers			
16:50	16:50 Panel Discussion III: Regulatory & Ethical Concerns of Medical 3D			Moderator:
	Printing			Ir Bryan SO
	Panelists:			
	Ms Ami SIN	Mr Koen PERRE	Prof Ling QIN	
	Dr Hong CAI	Prof Jack CHENG	Dr Kwok Chung LAI	
	Mr Edmond YAU	Ir Dr Martin WONG	Dr Christian FANG	
	Prof Kenneth CHEUNG	Prof Cecilia LI		
17:20	Question and Answers			
17:25	Closing Remarks			Ms Ami SIN



# 第一屆香港國際醫療三維打印臨床應用座談會

The First Hong Kong International

### **Interdisciplinary Clinical 3D Printing Forum 2018**

Date: July 28, 2018 (Sat)

Time: 09:00 - 17:30

Venue: Charles K. Kao Auditorium, Hong Kong Science Park

Target Audience: Doctors, Allied health professionals, Nurses, Scientists, Engineers,

Industrialists and Students

Registration: https://goo.gl/gS1dNi

Free of charge

First-come-first served and subjected to the Organizing Committee's final

decision

CME points: All colleges, nursing and allied health associations (Pending)

#### **Organizing Committee**

Conference Chair Ms Ami SIN Hong Kong 3D Printing Association

Conference Vice Chair Prof Jack CY CHENG The Chinese University of Hong Kong

Dr Christian FANG The University of Hong Kong

Organizing Committee Mr Elvis CHUI The Chinese University of Hong Kong

Ms Yuk Han STONE Queen Elizabeth Hospital

Dr Lung Fung TSE Private Practice Orthopaedic Surgeon
Mr Edmond YAU Hong Kong 3D Printing Association

Conference Secretariat Ms Jennifer KWAN jennifer@koln3d-tech.com

Dr Sibyl MAK smak@koln3d-tech.com

Ms Jenny TAM jcytam0@hku.hk

### **Honorary Advisory Board**

Prof Jack CY CHENG

Chair Professor & Chair of Dept Dept of Orthopaedics & Traumatology

Faculty of Medicine

The Chinese University of Hong Kong

Prof Kenneth MC CHEUNG

Chair Professor & Head of Dept
Dept of Orthopedics & Traumatology
Li Ka Shing Faculty of Medicine

The University of Hong Kong

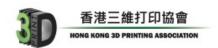
Prof Hau Chung MAN

Chair Professor & Faculty Dean
Faculty of Engineering
The Hong Kong Polytechnic University

(in alphabetical order)



### **Organizers**











### **Supporting Organizations**





