Annual Conference on

3D Printing & Bio-printing in Healthcare



2018

Venue Date
August 20-21, 2018

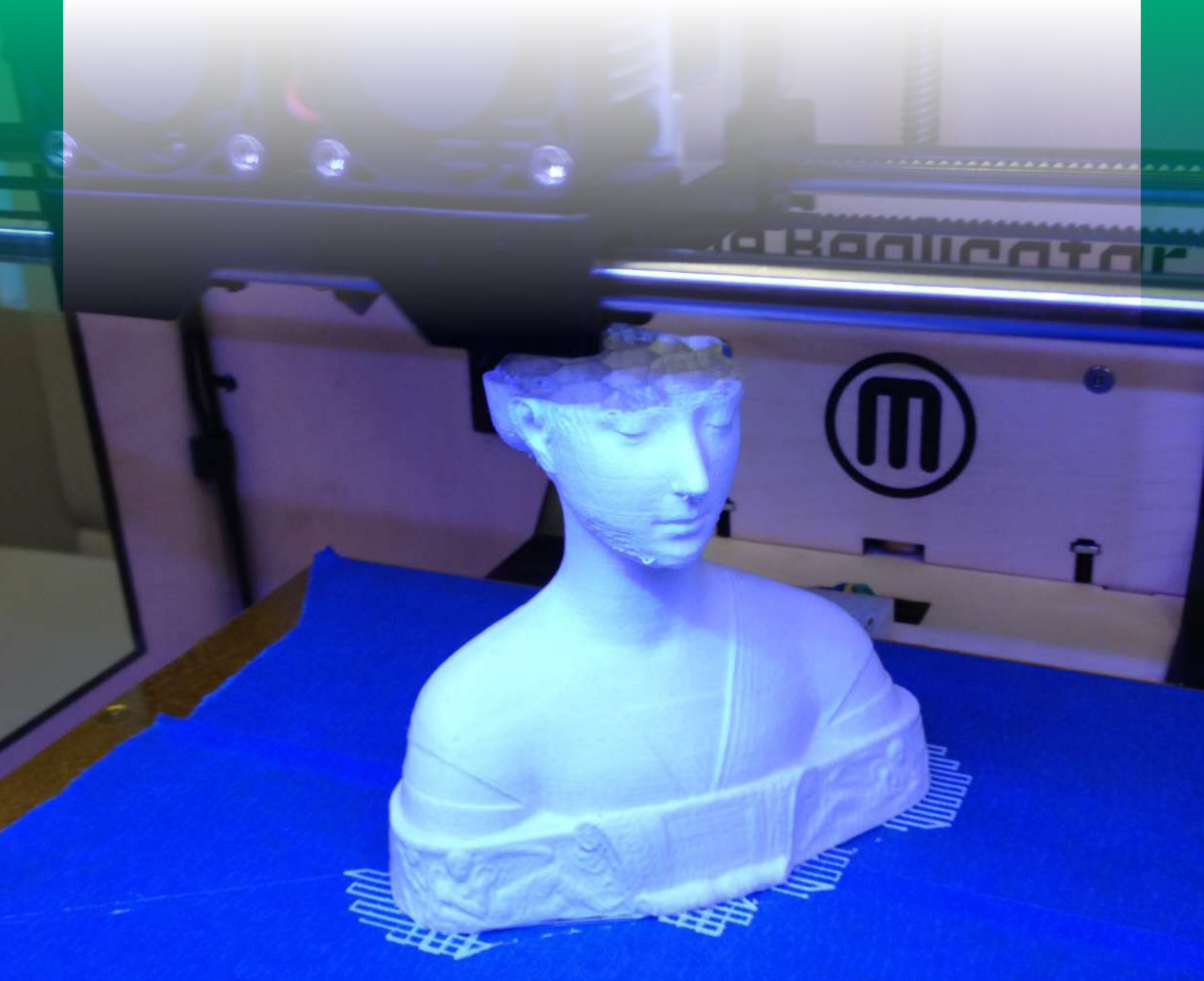
Singapore City, Singapore

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Scientific Program	
Annual Conference On 3D printing & Bio-printing in Healthcare	
Day 1, August 20, 2018 Singapore City, Singapore	
09:00-09:30	Registration
09:30-09:40	Opening Ceremony
09:40-09:50	Introduction
Keynote Forum	
09:50-10:30	Title: A 3DP-based procedure for the fabrication of artificial UHMWPE trabecular bone tissue
	ALEXANDER M. KORSUNSKY, University of Oxford ,United Kingdom
10:30-11:10	Title: Additive manufacturing of ceramic structures
	Jun Ding, National University of Singapore, Singapore
Group Photo	
Tea Break 11:10-11:20 @ 5F Lounge	
Oral Session I: 3d Bio Printing|3d Printed Bone Tissue Generation.	
Session Introduction	
Session I Chair: ALEXANDER M. KORSUNSKY, University of Oxford ,United Kingdom	
11:20-11:40	Title:Bioprinting of Growth Factors to Repair Bone-Tendon-Muscle units
	Ker Dai Fei Elmer,Chinese University of Hong Kong,Hong Kong
11:40-12:10	Title: PCL based toughness modifiers for biophotopolymers
	Christoph Hofstetter, Vienna University of Technology, Austria
12:30-12:50	Title:3D printing in medicine: the experience of the Italian Digital Biomanufacturing Network (IDBN)
	Claudio Belvedere, IDBN,Italy
12:50-13:15	Title: Three-Dimensional printed medical devices – an EU MDR regulatory overview
	Ashish Indani,Tata Consultancy Services,INDIA
Lunch Break (13:15-14:15) @ 1F Restaurant "The Café"	
Work Shop	
14:15-15:30	Title: 3D to 4D printing: working principles and example applications
	Wei Min Huang, Singapore
Oral Session II: 3d Medical (Bio) Materials| Biomaterials for 3d Printing|3d Imaging and Modeling.	
Session Introduction	
Session II Chair: Jun Ding, National University of Singapore, Singapore	
15:30-15:50	Title: 3D Printing – Improving Patient Outcomes
	Miles Podmore,Founder Eye 2 Eye Communications Pte Ltd , Singapore
15:50-16:10	Title: Personalized design and 3D printing for human total ankle prostheses: in-silico and in-vitro experimental evaluation
	Claudio Belvedere, IDBN,Italy
Tea Break 16:10-16:25 @ 5F Lounge	
16:25-16:45	Title: Selective Laser Sintering of PMMA and PMMA plus β-Tricalcium Phosphate Polymer
	Rajkumar Velu,University of Technology and Design, Singapore.
16:45-17:05	Title: Medical Additive Manufacturing Applications
	Yvonne Lim ,Asia Pacific Business Development Manager at EOS Singapore Pte Ltd
Session Adjournment	
Day 2, August 21, 2018 Singapore City, Singapore	
Keynote Forum	
9:30-10:10	Title: Printed, Flexible pH Sensor Hydrogels for Biomedical Applications
	Fariba Dehghani,The University of Sydney, Australia
10:10-10:50	Title: Recent Development in Additive Manufacturing for Drug Delivery and Testing
	Lifeng Kang, University of Sydney, Australia
Tea Break 10:50-11:05 @ 5F Lounge	
Oral Session III: 3d Printing|3d Metal Printing|3d Medicine & Pharmaceutics Printing|3d Medtech Printing.	
Session III Chair: FARIBA DEHGHANI,University of Sydney,Australia	
11:05-12:25	Title: 3D Medicine & Pharmaceutics Printing
	Nadia ali,CHU Charles Nicolle,Tunisia

12:25-12:45	Title: The optimized PV-UPFC Hybrid network for power quality improvement load
	Wassila Issaadia,University of Bejaia, Algeria
12:45-13:05	Title: Envisioning a progressive outlook towards world health scenario by making 'East meet West' in the field of medicine.
	Elena Provaggi, Division Of Surgery And Interventional Science Royal Free Hospital, United Kingdom
Lunch Break (13:05-14:15) @ 1F Restaurant "The Café"	
Work Shop	
14:15-15:15	Title: How to use 3D printing in healthcare
	Yvonne Lim , EOS Singapore Pte Ltd
15:15-15:35	Title: Elastic shape memory materials for comfort fitting via 3D printing
	Wei Min Huang,Nanyang Technological University, Singapore
15:35-16:00	Title: 3D and 4D printing of metallic and ceramic nanomaterials for biomedical applications
	Michinao Hashimoto,Singapore.
16:00-16:25	Title: innovative patient-specific treatment that helps improve and save lives
	Julia Yong,Materialise,Malaysia.
Tea Break: 16:25-16:40 @ 5F Lounge	
Poster Session 16:40-17:00 @ Kamo	
1	Title: Heavy Heat Insulation Cotton
	Prashant Mahesh Mohanani,NIRMALA, Maharashtra, India
2	Title: Stem Cell Bioprinting
	Jeong Beom Kim,Republic of Korea
Conference Adjournment	



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Singapore Attractions



Marina Bay Sands



Asian Civilisations Museum



Botanic Gardens



Budha Tooth Temple



Clarke Quary



Gardens by the Bay



Jurong Bird Park



Little India and Arab Street



Singapore ZOO





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