

Biomedical Innovation and Outreach Conference B.I.O.2022 Rundown

June 18 (Sat)

Lecture Hall CBA, G/F, Chow Yei Ching Bldg, Main Campus, The University of Hong Kong

Zoom Webinar

MORNING

10am-12pm

Time	Speaker/Guest	
1000-1005	Dr Sibyl Mak	Welcome
	Prof Anderson Shum	Opening speech

Biomedical Focus (Speech + Forum)

20 min Speech with Q&A x4 + 20 min Forum

Speech

Time	Speaker/Guest	Role	Mode	Topic
1010-1030	Prof Christopher Leung, Department Of Ophthalmology, LKS Faculty Of Medicine, The University Of Hong Kong, Hong Kong	Keynote Speaker	In person	Engineering optical coherence tomography innovation to combat glaucoma blindness
1030-1050	Prof Tanawat Vaseenon, Dept Of Orthopedics, Chiang Mai University, Thailand	Keynote Speaker	Zoom	My experience in 3D printing applied for foot ankle injury
1050-1110	Mr Mike Lai, Director of Computed Tomography, HK College Of Radiographers & Radiation Therapists, Hong Kong, Senior Radiographer (RAD), Former Department Manager (RAD), HK Children's Hospital, Hong Kong	Keynote Speaker	In person	Recent Advances in Radiological Equipment
1110-1130	Dr Thomas Lung Fung Tse, Clinical Assistant Professor (Honorary), Department of Orthopaedics & Traumatology, Faculty of Medicine, The Chinese University of Hong Kong. Chief Medical Director, KOLN3D Technology (Medical) Limited	Keynote Speaker	Zoom	Application of metal 3D printing in orthopaedic surgery - joint venture of biomedical engineer & medical specialist

Forum

Time	Speaker/Guest	Role	Mode
1135-1155	Prof Anderson Shum	Moderator	In person
	Prof Christopher Leung	Panelist	In person
	Prof Tanawat Vaseenon	Panelist	Zoom
	Mr Mike Lai	Panelist	In person
	Dr Thomas Lung Fung Tse	Panelist	Zoom
		Student Q&A	

1155-1200	Appreciation to speakers	Reminder to vote for RAM
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AFTERNOON

2pm-2:40pm Outreach Focus (Forum only)

2:40pm-3pm Break

3pm-5:30pm Engineering Focus (Speech + Forum)

Outreach Focus: Career (Forum only)

Time	Speaker/Guest	Role	Mode
1400-1430	Prof Kevin Tsia, Programme Director & Professor, Biomedical Engineering Programme, Department Of Electrical Engineering, Faculty Of Engineering, The University Of Hong Kong	Moderator	In person
	Dr Joseph Chan, Assistant Professor, Department Of Ophthalmology, LKS Faculty Of Medicine, The University Of Hong Kong	Panelist	
	Dr Russell Chan, Co-Founder And CTO, Gense Technologies Limited, Hong Kong	Panelist	
	Mr Edmond Yau, Founder & CEO, Kolin 3D Technology (Medical) Limited, Hong Kong	Panelist	Zoom
		Student Q&A	

1430-1440	Appreciation to speakers	
1440-1500	Break	Reminder to vote for RAM

Engineering Focus (Speech + Forum)

20 min Speech with Q&A x5 + 20 min Forum

3:00pm-5:30pm

Speech

Time	Speaker/Guest	Role	Mode	Topic
1500-1505	Dr Sibyl Mak	Conference Chair	In person	Welcome Speakers
1510-1530	Prof Ken-Tye Yong, Associate Dean (External Engagement), Faculty Of Engineering, The University Of Sydney, Australia	Keynote Speaker	Zoom	Portable Biosensors for Waterworks Applications
1530-1550	Prof Igor Drstvenšek, Professor Of Additive Manufacturing, University Of Maribor, Slovenia	Keynote Speaker		Bespoke Medical Devices; Exceptional innovation or universal solution?
1550-1610	Dr Terence Wong, Assistant Professor, Chemical And Biological Engineering, The Hong Kong University Of Science And Technology	Keynote Speaker & Moderator	In person	Deep Learning Enables Next-generation Biomedical Imaging for Label-free Histopathology
1610-1630	Mr Simon Yeung, Group COO, Time Medical	Keynote Speaker		The career future and dream of engineering students
1630-1650	Dr Elvis Chun-sing Chui, Research Assistant Professor Of Orthopaedics And Traumatology, Department Of Orthopaedics & Traumatology, Faculty Of Medicine, The Chinese University Of Hong Kong	Keynote Speaker		Application and Development of Artificial Intelligence and 3D in Orthopaedics and Traumatology

Forum

Time	Speaker/Guest	Role	Mode
1700-1720	Dr Terence Wong	Moderator	In person
	Prof Ken Tye Yong	Panelist	Zoom
	Prof Igor Drstvenšek	Panelist	
	Mr Simon Yeung	Panelist	In person
	Dr Elvis Chun-sing Chui	Panelist	
	Student Q&A		
1720-1730	Appreciation to speakers Ceremony for RAM awards		

June 19 (Sun) 9:00am-10:00am

Outreach Focus: Industry (Speech only)

Zoom Webinar only

Time	Speaker/Guest	Role	Mode	Topic
0900-0900	Dr Sibyl Mak	Welcome	Zoom	
	Dr Joseph Chan	Moderator		
0900-0920	Dr Byeong-Ui Moon, Research Officer, National Research Council Canada, Canada	Speaker		PowerBlade for Whole Blood Fractionation and Isolation Applications
0920-0940	Dr Kenneth Ho, Research Fellow At Department Of Radiology, Medical School, The University Of Michigan, USA Former Research Engineering Manager At Biocred, USA	Speaker		Cell-to-cell variability of dynamic CXCR4 and EGFR signaling and morphological processes in chemotaxis
0940-1000	Dr Sloan Kulper, Founder & CEO, Lifespans, Hong Kong	Speaker		Orthopaedic Implant Development and Simulation