

Croucher Symposium in Advanced Imaging:
(From Systems Biology to Single Cell & Single Molecule Analysis)
Single Molecule & Super-resolution Microscopy in Biomedical Research

Date: 25 August 2017

Venue: Cheung Kung Hai Lecture Theatre 1

Program	
8:45 – 9:00	Registration
9:00 – 9:15	Welcome address: Mr. David Foster (Director), Croucher Foundation Prof. Peter Mathieson (President), The University of Hong Kong Prof. Suet Yi Leung (Associate Dean), LKS Faculty of Medicine, The University of Hong Kong Photo session: (Invited guests, Speakers, Organizing Committee)
9:15 – 09:45	L1: Cellular imaging from molecules to organisms Tomas Kirchhausen <i>Harvard Medical School, USA</i>
9:45 – 10:15	L2: Transcription factor dynamics during Drosophila development Pavel Tomancak <i>Max Planck Institute of Molecular Cell Biology and Genetics, Germany</i>
10:15 – 10:45	L3: Optical single-cell imaging – How much faster and deeper can we go? Kelvin Tsia <i>The University of Hong Kong, Hong Kong</i>
10:45 – 11:15	Coffee Break
11:15 – 11:45	L4: Drug repurposing and phenotypic screening as fast response strategies against emerging arboviruses Lucio Freitas-Junior <i>Instituto Butantan, Brazil</i>
11:45 – 12:15	L5: Computationally enhancing localization microscopy in 3D and time Christophe Zimmer <i>Institut Pasteur, France</i>
12:15– 13:30	Lunch
13:30 – 14:00	L6: Higher-order genome architecture and lncRNAs permit robust transcription of immune genes Musa Mhlanga <i>University of Cape Town, South Africa</i>
14:00 – 14:30	L7: Beyond the diffraction limit by light-sheet microscopy Bi-Chang Chen <i>Academia Sinica, Taiwan</i>
14:30 – 15:00	L8: Understanding synapses through imaging Kwok-On Lai <i>The University of Hong Kong, Hong Kong</i>
15:00 – 15:30	Coffee Break
15:30 – 16:00	L9: Imaging life with the emerging microscopy frontiers at HHMI Janelia Research Campus Teng-Leong Chew <i>HHMI Janelia Research Campus, USA</i>
16:00 – 16:30	L10: Nanoscale architecture of cadherin-based cell adhesions Pakorn Tony Kanchanawong <i>National University of Singapore, Singapore</i>