



# CROUCHER SYMPOSIUM IN ADVANCED IMAGING 2017

(From Systems Biology to Single Cell & Single Molecule Analysis)

## Single Molecule & Super-resolution Microscopy in Biomedical Research

**AUGUST 25 2017 (Friday)**

**Cheung Kung Hai Lecture Theatre 1**

**William MW Mong Building, Li Ka Shing Faculty of Medicine, The University of Hong Kong**

### Invited Speakers



**Cellular imaging from molecules to organisms**

*Tomas Kirchhausen*

*Harvard Medical School, USA*



**Transcription factor dynamics during Drosophila development**

*Pavel Tomancak*

*Max Planck Institute of Molecular Cell Biology and Genetics, Germany*



**Optical single-cell imaging – How much faster and deeper can we go?**

*Kelvin Tsia*

*The University of Hong Kong, Hong Kong*



**Phenotypic screening for accelerating drug discovery for infectious diseases**

*Lucio Freitas-Junior*

*Instituto Butantan, Brazil*



**Computationally enhancing localization microscopy in 3D and time**

*Christophe Zimmer*

*Institut Pasteur, France*



**Higher-order genome architecture and lncRNAs permit robust transcription of immune genes**

*Musa Mhlanga*

*University of Cape Town, South Africa*



**Beyond the diffraction limit by light-sheet microscopy**

*Bi-Chang Chen*

*Academia Sinica, Taiwan*



**Understanding synapses through imaging**

*Kwok-On Lai*

*The University of Hong Kong, Hong Kong*



**Imaging life with the emerging microscopy frontiers at HHMI Janelia Research Campus**

*Teng-Leong Chew*

*HHMI Janelia Research Campus, USA*



**Nanoscale architecture of cadherin-based cell adhesions**

*Pakorn Tony Kanchanawong*

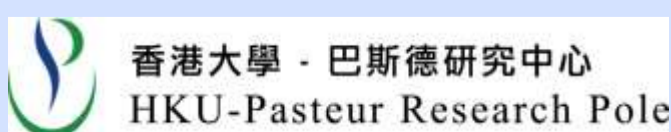
*National University of Singapore, Singapore*

**Registration:** [https://hkuems1.hku.hk/hkuems/ec\\_hdetail.aspx?quest=Y&ueid=51185](https://hkuems1.hku.hk/hkuems/ec_hdetail.aspx?quest=Y&ueid=51185)

Free Registration. Sandwich lunch will be provided to registered participants. Enquiries, please contact [corefac@hku.hk](mailto:corefac@hku.hk)



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