

PROGRAMME

20 August 2017 (Sun)		Venue*
10:00 – 11:00	Welcome & introduction of the Course <i>George Tsao, Roberto Bruzzone, Chenghan Yu, Musa Mhlanga</i>	SR - 2
11:00 – 13:00	Students' self introduction	SR - 2
13:00 – 14:00	Lunch	EXHIBITION AREA
14:00 – 15:00	L1: Advanced imaging microscopy in biomedical research Tomas Kirchhausen <i>Harvard Medical School, USA</i>	SR - 2
15:00 – 16:00	L2: Basic principles and pitfalls of optical imaging (I) Teng-Leong Chew <i>HHMI Janelia Research Campus, USA</i>	SR - 2
16:00 – 16:30	Break	EXHIBITION AREA
16:30 – 17:30	L3: Basic principles and pitfalls of optical imaging (II) Teng-Leong Chew <i>HHMI Janelia Research Campus, USA</i>	SR - 2
17:30 – 18:30	L4: Expansion microscopy Srigokul Upadhyayula <i>Harvard Medical School, USA</i>	SR - 2
18:30	Welcome dinner	EXHIBITION AREA
21 August 2017 (Mon)		Venue
8:30 – 10:00	L4: Genome wide high content screening recovers novel pathways of viral apoptosis evasion Musa Mhlanga <i>University of Cape Town, South Africa</i>	SR – 2
10:00 – 10:30	Break	EXHIBITION AREA
10:30 – 12:00	L5: Introduction to single molecule localization microscopy (PALM/STORM and PAINT) Christophe Zimmer <i>Institut Pasteur, France</i>	SR – 2
12:00 – 13:00	Lunch	EXHIBITION AREA
13:00 – 14:00	Introduction to the practical session	TR
14:00 – 19:00	W1-Day1: Practical workshops	FCF
22 August 2017 (Tue)		Venue
8:30 – 9:30	L6: Cellular dynamics with high temporal and spatial resolution Tomas Kirchhausen <i>Harvard Medical School, USA</i>	SR – 2

9:30 – 10:30	L7: Introduction to fluorescence resonance energy transfer and biosensor Cheng-Han Yu <i>The University of Hong Kong, HK</i>	SR – 2
10:30 – 11:00	Break	EXHIBITION AREA
11:00 – 12:00	L8: Advanced optical microscopies for cell bioimaging: from super-resolution to light sheet Shengwang Du <i>Hong Kong University of Science & Technology, HK</i>	SR – 2
12:00 – 13:00	Lunch	EXHIBITION AREA
13:00 – 14:00	Introduction to the practical session	TR
14:00 – 19:00	W1-Day2: Practical workshops	FCF

23 August 2017 (Wed)

Venue

8:30 – 10:00	L9: Light sheet microscopy in developmental biology research Pavel Tomancak <i>Max Planck Institute of Molecular Cell Biology and Genetics, Germany</i>	SR – 2
10:00 – 10:30	Break	EXHIBITION AREA
10:30 – 12:00	L10: High Content Imaging Applied to Infectious Diseases Drug Discovery Lucio Freitas-Junior <i>Instituto Butantan, Brazil</i>	SR – 2
12:00 – 13:00	Lunch	EXHIBITION AREA
13:00 – 14:00	Introduction to the practical session	TR
14:00 – 19:00	W2-Day1: Practical workshops	FCF

24 August 2017 (Thu)

Venue

8:30 – 10:00	L11: Interference-based techniques in super-resolution microscopy Pakorn Tony Kanchanawong <i>National University of Singapore, Singapore</i>	SR – 2
10:00 – 11:00	L12: Emerging imaging technologies at HHMI Janelia Research Campus Teng-Leong Chew <i>HHMI Janelia Research Campus, USA</i>	SR – 2
11:00 – 11:30	Break	EXHIBITION AREA
11:30 – 12:30	GENERAL DISCUSSIONS WITH THE TA OF WS ON QUESTIONS OF HOW TO PREPARE PRESENTATIONS	SR – 2
12:30 – 13:30	Lunch	EXHIBITION AREA
13:30 – 14:30	Introduction to the practical session	TR
14:30 – 19:30	W2-Day2: Practical workshops	FCF

25 August 2017 (Fri) Advanced Imaging Symposium

LT1

26 August 2017 (Sat)

Venue

9:00 – 12:00	W5: Presentation of the results of the practical workshops and general discussion	SR – 2
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SR – 2: Room 2, G/F, Laboratory Block, Faculty of Medicine Building, 21 Sassoon road

EXHIBITION AREA: Pre-function area of seminar room 3, G/F, The HKJC Bldg for Interdisciplinary Research, 5 Sassoon road

TR: Tutorial room, 1/F, Wei Lun Education Centre, William M.W. Mong Block, Faculty of Medicine Building; 21 Sassoon road

FCF: Faculty Core Facility, Rm 6-11, Laboratory Block, Faculty of Medicine Building, 21 Sassoon road

LT1: Lecture Theater 1, Chueung Kung Hai Lecture Theatre, G/F, William MW Mong Block, 21 Sassoon

Remarks: L = Lecture; W = Workshop