

Workshop I : X-ray Bio-imaging

Organizer: Yao-Chang Lee (李耀昌)

August 30 (Thursday)

Place: Rm. 106

08:20 Registration

08:50 **Workshop Opening Remarks**

*Di-Jing Huang (黃迪靖), National Synchrotron Radiation Research Center
(國家同步輻射研究中心)*

Session Chair: Yeukuang Hwu (胡宇光)

09:10 I1 **Phase-contrast X-ray Imaging: From the Synchrotron to the Clinic**

Marco Stampanoni, Swiss Federal Institute of Technology Zurich (ETH Zürich), Switzerland

09:55 I2 **Imaging Tumor Microvessels**

Cyril Petibois, University of Bordeaux, France

10:40 Coffee Break

Session Chair: Yen-Fang Song (宋艷芳)

11:00 I3 **Full Field Hard X-ray Biomedical Imaging at SSRL**

Joy Andrews, Stanford Synchrotron Radiation Light Source, USA

11:45 I4 **New Dimensions in X-ray Microscopy**

Janos Kirz, Lawrence Berkeley National Laboratory, USA

12:30 Lunch

Session Chair: Eva Pereiro

13:40 I5 **Quantitative, 3-D Imaging of Biological Cells Using Soft X-ray Tomography**

Carolyn Larabell, UCSF and Lawrence Berkeley National Laboratory, USA

14:25 I6 **Cellular Landscape of Viral Maturation by X-ray Cryo-nano Tomography**

Jose Lopez Carrascosa, Centro Nacional de Biotecnologia, Spain

15:10 Coffee Break

Session Chair: Lee-Jene Lai (賴麗珍)

15:30 I7 **Functions of Cytosolic Galectins**

Fu-Tong Liu (劉扶東), Academia Sinica (中央研究院)

16:15 I8 **The MISTRAL Beamline at ALBA: First Biological Applications**

Eva Pereiro, ALBA Synchrotron Light Source, Spain

17:00 **Discussion & Closing Remarks**

18:20

18:40 Speakers' Dinner

Host: Di-Jing Huang (黃迪靖)