

X-ray Crystallography / Spectroscopy Workshop
Organizers: Yun-Liang Soo (蘇雲良) and Chun-Jung Chen (陳俊榮)

October 9 (Thursday)

Place: L100 & A300

08:30 Registration

Session Chair: Yun-Liang Soo (蘇雲良)

09:00 **NSRRC Current Status and Future Development**

Liang, Keng S. (梁耕三), Director, NSRRC

Session Chair: Gwo-Huei Luo (羅國輝)

09:30 O1 **Challenges of Cost Optimized X-ray Free Electron Lasers**

Albin F. Wrulich, Swiss Light Source, Switzerland

10:20 Group Picture and Coffee Break

Workshop

Session Chair: Wen-Ching Wang (王雯靜)

10:50 O2 **Time-resolved Biochemical Crystallography**

Keith Moffat, The Univ. of Chicago, USA

11:30 O3 **Probing Metalloenzymes with Synchrotron Radiation – From Gamma Rays to Soft X-rays**

Stephen P. Cramer, Univ. of California - Davis, USA

12:10 Poster Session, Site Visit and Lunch

Interest Group Meetings for PX (E295), PXD (M223), SAXS (M222), SRM (A300), XAS (L100), and XNS (S217)

Session Chair: Bo-Ren Zhu (諸柏仁)

13:30 O4 **Results from the First Users of SWING, the SAXS Beamline at Synchrotron SOLEIL**

Javier Pérez, SWING - Synchrotron SOLEIL, France

14:10 O5 **Real-time SAXS Observation of Assembly and Disassembly Dynamics of Cyanobacterial Clock Proteins**

Shuji Akiyama, Nagoya Univ., Japan

14:50 O6 **Photon-in/Photon-out Soft-X-ray Spectroscopy: An Emerging Probe for Renewable Energy Science**

Jinghua Guo, Advanced Light Source, Berkeley Lab, USA

15:30 Coffee Break

Session Chair: Chi-Shen Lee (李積琛)

16:00 O7 **Research Activity in PLS 8C2 High Resolution Powder Diffraction Beamline**

Namsu Shin, Pohang Accelerator Laboratory, Pohang Univ. of Science and Tech., Korea

16:40 O8 **X-ray Physics at Diamond Light Source**

Stephen P. Collins, Diamond Light Source Ltd, UK

17:20 **Closing Remarks**