The Program of AOFSRR13

Asia Oceania Week on Synchrotron Radiation

The 7th AOFSRR Workshop

21st September (sat)

15:00 Registration
18:00 Welcome Party

22nd September (Sun)

9:00 Registration

9:30-10:00 Opening Address

Chair: Masaki Takata (RIKEN/JASRI/SPring-8, Japan)

Special Welcome Address: Mr. Kisaburo Tokai (Member of the House of Representatives, Chairman of the Special Committee on Promotion of Science and Technology, and Innovation)

Welcome Address: Jun'ichiro Mizuki, Conference Chair, President of JSSRR
Welcome Address: Hongjie Xu, President of AOFSRR

Congratulatory Address: Mr. Sadayuki Tsuchiya, Director-General, Science and Technology Policy Bureau, Ministry of Education, Culture, Sports, Science and Technology (MEXT)

10:00 Conference Photo

10:20-12:50 AOFSRR Session:

New Perspective of Synchrotron Radiation Facility in AOF Region

Chair: Andrew Peele (Australian Synchrotron, Australia)

10:20 Global Trends of DLSR & XFEL
Tetsuya Ishikawa (RIKEN SPring-8 Center, Japan)

10:50 Construction Progress and Future Research Opportunities of the Taiwan Photon Source
Shih-Lin Chang (NSRRC, Taiwan)

11:20 < BREAK>
Chair: Osamu Shimomura (JSPS, Japan)

11:30 Current Status of PAL-XFEL Project
In Soo Ko (PAL, Korea)

12:00 Progress and Plans of Synchrotron Radiation Facilities in China
Hongjie Xu (SSRF/SINAP, China)

12:30 From Krabi's Initiatives to ASEAN Synchrotron: SLRI's Perspectives
Sarawut Sujitjorn (SLRI, Thailand)
12:50-16:00  Lunch & Poster Session, Facility Posters

16:00-18:20  Oral Session I.  Recent Topics on Photon Science

Chair: Naoto Yagi (JASRI/SPring-8, Japan)

16:00  Non destructive imaging of Japanese Buddha statues
Junji Sugiyama (Kyoto Univ. Japan)

16:30  In-situ 3-dimensional Nano-Transmission X-ray Microscopy at NSRRC
Yen-Fang Song (NSRRC, Taiwan)

17:00  < BREAK>

Chair: Yoshiyuki Amemiya (The Univ. of Tokyo, Japan)

17:20  Advances in Small Angle Scattering for Soft Matter
Stephan Roth (DESY, Germany)

17:50  KOTOBUKI-1 apparatus for cryogenic coherent X-ray diffraction imaging at
SPRING-8 and SACLA
Masayoshi Nakasako (Keio Univ., Japan)

19:00- Reception

23nd September (Mon)

9:30-11:50  Oral Session II.  New Applications (Nano, Magnetism, Industry, etc.)

Chair: Richard Garrett (ANSTO, Australia)

9:30  What’s new of PES in SSRF
Shan Qiao (Shanghai Institute of Microsystem and Information Technology, CAS, China)

10:00  Synchrotron radiation-based Fourier Transform Infra-Red micro-imaging in
service of forensic science
Agnieszka Banas (SSLS/NUS, Singapore)

10:30  < BREAK>

Chair: Sudip K Deb (Raja Ramanna Center for Advanced Technology, India)

10:50  SAXS Studies of Leather
Richard Haverkamp (Massey Univ., New Zealand)

11:20  Advances in SR diffraction techniques for magnetic and chiral materials
Hiroyuki Ohsumi (RIKEN SPRing-8 Center, Japan)

11:50- Lunch

13:00-15:00  Oral Session III. (parallel)  Innovation in SR Science
1. Green, Environment, Material, etc.

Chair: Tai Renzhong (SSRF/SINAP, China)
13:00 Development of In Situ Grazing Incidence Small-/Wide-angle X-ray Scattering for Bulk Heterojunction Thin-film Solar Cells at NSRRC
U-Ser Jeng (NSSRC, Taiwan)
13:20 Nano science in Thailand
Sukit Limpijumnong (Suranaree Univ. Thailand)
13:40 < BREAK>

Chair: Youichi Murakami (KEK, Japan)
14:00 Resonant Photoemission studies of Ti_{1-x}Fe_{x}O_{2-d} epitaxial films
R J Choudhary (UGC-DAE-CSR, Indore, INDIA)
14:20 Phase Decomposition and Valence Change during Delithiation in Olivine-type LiFePO_{4}/FePO_{4} System - An Application of Simultaneous XRD and XAFS Measurements -
Eiichiro Matsubara (Kyoto Univ., Japan)

2. Advanced Data Acquisition

Chair: Brendan Kennedy (The Univ. of Sydney, Australia)
13:00 Biomedical Applications of Synchrotron-based Infrared Microspectroscopy at NSRRC
Yao-Chang Lee (NSRRC, Taiwan)
13:20 The notable low tolerance of rat skin and bone marrow to synchrotron radiation: A bio-safety evaluation of single dose synchrotron radiation X-ray on young rat legs
Guoyuan Yang (Shanghai Jiao Tong Univ., China)
13:40 Development of X-ray 2D Detector for SACLA
Takaki Hatsui (RIKEN SPring-8 Center, Japan)
14:00 < BREAK>

Chair: Ryotaro Tanaka (JASRI/SPring-8, Japan)
14:20 Soft x-ray nanoscopes at the PLS: application activities and status
Hyun-Joon Shin (PAL, Korea)
14:40 Real-time observation of surface chemical reaction at millisecond resolution by means of soft X-ray dispersive XAFS
Kenta Amemiya (IMS-KEK, Japan)

3. Instruments, SR Tech., etc.

Chair: Mark Breese (SSLS, Singapore)
13:00 Feasibility Studies of Single Molecule Scattering Analysis with X-Ray Free Electron Lasers
Moonhor Ree (PAL/POSTECH, Korea)
13:20 Development of very short period undulators  
Shigeru Yamamoto (KEK/IMSS/PF) 
13:40 < BREAK> 
Chair: In Soo Ko (PAL, Korea) 
14:00 Radiation Damage and Aging Accelerator Components at the SPring-8  
Shigeki Sasaki (JASRI, Japan) 
14:20 Multipole wiggler beamlines at the Siam Photon Laboratory 
Supagorn Rugmai (SLRI, Thailand) 
14:50 XAFS facility at INDUS-2 Synchrotron Radiation source and recent results 
Shambhu Nath Jha (Bhabha Atomic Research Centre, India) 

15:00-16:30 General Assembly  
Chair: Yoshihisa Harada (The Univ. of Tokyo, Japan) 
15:00 Council Report 
Masaki Takata (RIKEN/JASRI/SPring-8, Japan) 
Overview of Cheiron School 
15:40 Overview 
Masaki Takata (RIKEN/JASRI/SPring-8, Japan) 
15:50 Young Scientist Presentation I  
Margie P. Olbinado (The Univ. of Tokyo, Japan) 
16:00 Young Scientist Presentation II  
 Xeniya Kozina (JASRI/SPring-8, Japan) 
16:10 Great Memories of the Cheiron School  
Brendan Kennedy (The Univ. of Sydney, Australia) 

16:30-17:00 Closing Session  
Chair: Masaki Takata (RIKEN/JASRI, Japan) 
16:30 Next AOFSRR  
Shih-Lin Chang (NSRRC, Taiwan) 
16:50 Closing Remarks: Jun'ichiro Mizuki, Conference Chair, President of JSSRR 

24th September (tue) 

9:00  Travelling from JR Himeji Station to SPring-8/SACLA 
10:15  SPring-8/SACLA Site Tour 
12:30  Lunch at SPring-8 
13:30  Leave SPring-8 
15:00  Travelling from SPring-8/SACLA to JR Himeji Station