



The 23rd Hiroshima International Symposium on Synchrotron Radiation

Materials and Biomolecular Science using VUV-SX Synchrotron Radiation

March 7th - 8th, 2019

Satake Memorial Hall, Hiroshima University

Hiroshima Synchrotron Radiation Center, Hiroshima University (HiSOR) <http://www.hsrc.hiroshima-u.ac.jp>

March 7th (Thursday)

- Opening** **Chairperson: H. Namatame** 9:30~10:10
 Prof. Yosuke Yamamoto *Vice President, Hiroshima University, Japan*
 Mr. Atsushi Oku *Director of Office for Quantum Science and Technology, MEXT, Japan*
 Prof. Kenya Shimada *Director of Hiroshima Synchrotron Radiation Center, Hiroshima University, Japan*
 “Overview of HiSOR Activities”
- Symposium Photo** 10:10~10:35
- Oral Session 1 (Angle/Spin-Resolved Photoemission Spectroscopy 1)** **Chairperson: T. Okuda** 10:35~11:35
 Prof. Denis Vyalikh *Donostia International Physics Center, Spain*
 “Photoemission insight into strongly-correlated electrons and magnetism in 4f-systems”
 Prof. Takeshi Kondo *The University of Tokyo, Japan*
 “Solid state physics and its future development with nano-spin ARPES”
- Flash Poster Session** **Chairperson: K. Miyamoto** 11:35~12:35
- Lunch** 12:35~14:00
- Poster Session (Activities at HiSOR)** **Chairperson: K. Miyamoto** 14:00~15:30
 We will present the Best Student Poster Award. The winner will be announced during the welcome reception.
- Oral Session 2 (VUV-CD Spectroscopy of Biomaterials)** **Chairperson: K. Matsuo** 15:30~16:30
 Prof. Alison Rodger *Macquarie University, Australia*
 “Absorbance and fluorescence-detected flow linear dichroism of DNA, protein-membrane and protein fibre systems”
 Prof. Tetsuya Narushima *Institute for Molecular Science, Japan*
 “Analysis of local chirality with microscopic circular dichroism imaging”
- Coffee Break** 16:30~16:50
- Oral Session 3 (Light Sources)** **Chairperson: S. Matsuba** 16:50~17:20
 Prof. Masahiro Katoh *Institute for Molecular Science, Japan*
 “Structured light from synchrotrons”
- Welcome Reception Saijo Hakuwa Hotel** **Chairperson: Y. Izumi** 18:00~20:00

March 8th (Friday)

- Oral Session 4 (Soft X-Ray Spectroscopy)** **Chairperson: M. Sawada** 9:00~10:00
 Dr. Jun Fujii *Elettra, CNR-IOM, Italy*
 “APE-NFFA laboratory : Nanoscience laboratory in synchrotron facility”
 Dr. Tetsuro Ueno *QST, Japan*
 “Adaptive design of experiment for X-ray spectroscopy with machine learning”
- Coffee Break** 10:00~10:20
- Oral Session 5 (Angle/Spin-Resolved Photoemission Spectroscopy 2)** **Chairperson: E. F. Schwier** 10:20~11:50
 Dr. Cédric Bareille *The University of Tokyo, Japan*
 “Strongly anisotropic high temperature Fermi surface of the Kondo semimetal CeNiSn revealed by ARPES”
 Dr. Nicholas Clark Plumb *Paul Scherrer Institute, Switzerland*
 “In situ ARPES studies of the 'bismuthate' family of superconductors”
 Dr. Keisuke Fukutani *Institute for Basic Science, Korea*
 “Electrical tuning of the excitonic insulator ground state of Ta₂NiSe₅”
- Closing** 11:50~12:00
 Prof. Hitoshi Sato *Hiroshima Synchrotron Radiation Center, Hiroshima University, Japan*

Supported by

Hiroshima University (Program for Promoting the Enhancement of Research Universities)

The Japanese Society for Synchrotron Radiation Research

