



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.hsrb.hiroshima-u.ac.jp>

March 7th (Thursday)

■ Opening

Prof. Yosuke Yamamoto
Mr. Atsushi Oku
Prof. Kenya Shimada

Vice President, Hiroshima University, Japan

Director of Office for Quantum Science and Technology, MEXT, Japan

Director of Hiroshima Synchrotron Radiation Center, Hiroshima University, Japan

Chairperson: H. Namatame 9:30~10:10

“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

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