



The 21st Hiroshima International Symposium on Synchrotron Radiation

Present and Future Perspectives of Materials and Life Science Using VUV Synchrotron Radiation

March 2nd - 3rd, 2017

Faculty Club 2F, Hiroshima University

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

March 2nd (Thursday)

- **Opening** **Chairperson: K. Shimada** 9:30~9:50
 Fusahito Yoshida *Vice President, Hiroshima University, Japan*
 Hirofumi Namatame *Director of Synchrotron Radiation Center, Hiroshima University, Japan*
 "Overview of HiSOR Activities"
- **Symposium Photo** 9:50~10:15
- **Oral Session 1 (Spin-Resolved Photoemission Spectroscopy)** **Chairperson: K. Miyamoto** 10:15~11:35
 Prof. Philip King *University of St Andrews, United Kingdom*
 "Electronic Structure, Interactions, and Spin-Orbit Coupling at the Surfaces of Delafossite Oxide Metals"
 Prof. Oleg Treschenko *Novosibirsk State University, Russia*
 "Low-Energy Photoemission from Final States of Quantized Surface Subbands of GaAs(001) with Negative Electron Affinity via Electron-Phonon Coupling"
 Prof. Taichi Okuda *Hiroshima University, Japan*
 "Spin-Resolved Photoemission for the Investigation of Hidden Spin Polarized States"
- **Flash Poster Session** **Chairperson: T. Okuda** 11:35~12:35
- **Lunch** 12:35~14:00
- **Poster Session (Activities at HiSOR)** **Chairperson: H. Sato** 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: Y. Izumi** 15:30~16:50
 Prof. Jin-Hong Kim *Korea Atomic Energy Research Institute, Republic of Korea*
 "Structural and Functional Modifications of Chromatin and Antioxidant Proteins on Exposure to Gamma Radiation"
 Prof. Bart Kahr *New York University, USA*
 "The Mueller Matrix Approach to Circular Extinction"
 Prof. Koichi Matsuo *Hiroshima University, Japan*
 "Present Status and Future Plan of VUV-CD Spectrophotometer at HiSOR"
- **Coffee Break** 16:50~17:10
- **Oral Session 3 (Soft X-Ray MCD of Surface Nano Structures)** **Chairperson: M. Sawada** 17:10~18:10
 Prof. Sergey Suturin *Ioffe Physical-Technical Institute, Russia*
 "Structural Studies of α -, γ -, ϵ -Fe₂O₃ and Fe₃O₄ Ferroic Epitaxial Films on GaN by RHEED/XRD
 Three Dimensional Reciprocal Space Mapping"
 Prof. Luca Pasquali *University of Modena and Reggio Emilia, Italy*
 "Resonant Soft X-Ray Reflectivity for the Quantitative Investigation of Anisotropic Layered Materials"
- **Welcome Reception Saijo Hakuwa Hotel** 18:40~20:40

March 3rd (Friday)

- **Oral Session 4 (Light Sources)** **Chairperson: S. Matsuba** 9:00~9:50
 Prof. Kentaro Harada *High Energy Accelerator Research Organization, Japan*
 "Development of Low Emittance Electron Storage Ring"
 Prof. Keigo Kawase *Hiroshima University, Japan*
 "Light Sources Development at HiSOR"
- **Coffee Break** 9:50~10:10
- **Oral Session 5 (High-Resolution Photoemission Spectroscopy)** **Chairperson: E. F. Schwier** 10:10~11:30
 Dr. Claude Monney *University of Zurich, Switzerland*
 "Time-Resolved Photoemission of Ordered Phases in Low-Dimensional Materials"
 Dr. Jonathon Riley *University of St Andrews, United Kingdom*
 "Angle-Resolved Photoemission Investigation of In-Situ Grown Thin Film EuO"
 Prof. Kenya Shimada *Hiroshima University, Japan*
 "Present Status and Future Plan of High-Resolution ARPES at HiSOR"
- **Closing** 11:30~11:40

Sponsored by

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

The Japanese Society for Synchrotron Radiation Research

