



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.hsrb.hiroshima-u.ac.jp>

March 2nd (Thursday)

- Opening**
Fusahito Yoshida
Hirofumi Namatame
"Overview of HiSOR Activities"

Chairperson: K. Shimada
Vice President, Hiroshima University, Japan
Director of Synchrotron Radiation Center, Hiroshima University, Japan

9:30~9:50
- Symposium Photo**

9:50~10:15
- Oral Session 1 (Spin-Resolved Photoemission Spectroscopy)**
Prof. Philip King
"Electronic Structure, Interactions, and Spin-Orbit Coupling at the Surfaces of Delafossite Oxide Metals"
Prof. Oleg Treschenko
"Low-Energy Photoemission from Final States of Quantized Surface Subbands of GaAs(001) with Negative Electron Affinity via Electron-Phonon Coupling"
Prof. Taichi Okuda

Chairperson: K. Miyamoto
University of St Andrews, United Kingdom
Novosibirsk State University, Russia
Hiroshima University, Japan

10:15~11:35
- Flash Poster Session**

Chairperson: T. Okuda

11:35~12:35
- Lunch**

12:35~14:00
- Poster Session (Activities at HiSOR)**
We will present the Best Student Poster Award. The winner will be announced during the welcome reception.

Chairperson: H. Sato

14:00~15:30
- Oral Session 2 (VUV-CD Spectroscopy of Biomaterials)**
Prof. Jin-Hong Kim
"Structural and Functional Modifications of Chromatin and Antioxidant Proteins on Exposure to Gamma Radiation"
Prof. Bart Kahr
"The Mueller Matrix Approach to Circular Extinction"
Prof. Koichi Matsuo

Chairperson: Y. Izumi
Korea Atomic Energy Research Institute, Republic of Korea
New York University, USA
Hiroshima University, Japan

15:30~16:50
- Coffee Break**

16:50~17:10
- Oral Session 3 (Soft X-Ray MCD of Surface Nano Structures)**
Prof. Sergey Suturin
"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

Chairperson: M. Sawada
Ioffe Physical-Technical Institute, Russia
University of Modena and Reggio Emilia, Italy

17:10~18:10
- Welcome Reception Saijo Hakuwa Hotel**

18:40~20:40

March 3rd (Friday)

- Oral Session 4 (Light Sources)**
Prof. Kentaro Harada
"Development of Low Emittance Electron Storage Ring"
Prof. Keigo Kawase

Chairperson: S. Matsuba
High Energy Accelerator Research Organization, Japan
Hiroshima University, Japan

9:00~9:50
- Coffee Break**

9:50~10:10
- Oral Session 5 (High-Resolution Photoemission Spectroscopy)**
Dr. Claude Monney
"Time-Resolved Photoemission of Ordered Phases in Low-Dimensional Materials"
Dr. Jonathon Riley
"Angle-Resolved Photoemission Investigation of In-Situ Grown Thin Film EuO"
Prof. Kenya Shimada

Chairperson: E. F. Schwier
University of Zurich, Switzerland
University of St Andrews, United Kingdom
Hiroshima University, Japan

10:10~11:30
- Closing**

11:30~11:40

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The Japanese Society for Synchrotron Radiation Research

