

The 27th Hiroshima International Symposium on Synchrotron Radiation

Hiroshima University Faculty Club (onsite) and Zoom (online),
March 9-10, 2023.



Materials Science using VUV-SX Synchrotron Radiation Towards the future HiSOR-II project

DAY 1 • Thursday, 9 March, 2023

Opening (Chairperson: S. Ideta)

Greeting

09:30 - 09:35 **Shuhei HAYASHI**

(Deputy Director, Research Environment Division, Science and Technology Policy Bureau, Ministry of Education, Culture, Sports, Science and Technology (MEXT))

09:35 - 09:40 **Shinji KANEKO**

(Executive Vice President (Global Initiatives), Executive Vice President (Research and Academia- Government-Community Collaboration, Hiroshima University, Japan)

09:40 - 10:10 **Kenya SHIMADA**

(Director, Synchrotron Radiation Center, Hiroshima University, Japan)

Overview of HiSOR Activities and Future Plan

10:10 - 10:30 **Symposium Photo**

10:30 - 10:45 **Coffee Break**

Oral Session 1 (Chairperson: H. Sato)

10:45 - 11:20 **Teppei YOSHIDA**

(Kyoto University, Japan)

"Electron-phonon coupling in correlated electron systems revealed by angle-resolved photoemission spectroscopy"

11:20 - 11:55 **Yuita FUJISAWA**

(Okinawa Institute of Science and Technology Graduate University, Japan)

"Laboratory-based in-situ photoemission spectroscopies of quantum material epitaxial films"

11:55 - 12:30 **Meng WANG**

(RIKEN, Japan)

"XAS study of spin-state related percolative dynamics in magnetic cobaltites"

12:30 - 13:40 **Lunch**

Poster Session (Chairperson: M. Sawada)

13:40 - 14:40 **Student Short Oral Session**

(1-2 min/each)

14:40 - 16:30 **Poster Session**

Oral Session 2 (Chairperson: K. Matsuo and M. Ibrahim)

16:30 - 17:05 **Martin ANDERSSON**

(Chalmers University of Technology, Sweden)

"Engineering the Biology-Material Interface for Safer Medical Devices"

17:05 - 17:40 **Marie-Christine AVERLANT-PETIT**

(LCPM, Lorraine University, France)

"Self-Assembling of Peptide-Based Gels : A Multiscale Structural Analysis"

Welcome Reception (Chairperson: H. Namatame)

18:00 - 20:00 **LA Bohème (Faculty Club)**

DAY 2 • Friday, 10 March, 2023

HiSOR-II Special Session

Oral Session 3 (Chairperson: K. Miyamoto)

09:30 - 09:45 **Masahiro KATOH**

(Hiroshima University, Japan)

"Design of HiSOR-II"

09:45 - 10:20 **Akira MOCHIHASHI**

(The Karlsruhe Institute of Technology, Germany)

"KIT - Status of Test Facilities KARA and FLUTE"

10:20 - 10:55 **Shan QIAO**

(Shanghai Institute of Microsystem and Information Technology, China)

"The progress of spin-resolved photoelectron spectroscopy in Shanghai"

10:55 - 11:30 **Dongfang ZHANG**

(Shanghai Jiao Tong University, China)

"THz-enhanced ultrafast electron diffraction"

11:30 - 13:00 **Lunch**

HiSOR-II Special Session

Oral Session 4 (Chairperson: M. Katoh)

13:00 - 13:35 **Hirofumi YANAGISAWA**

(University of Tokyo, Japan)

"Subnanometric optical control of electron emission sites"

13:35 - 14:10 **Takayuki ICHIKAWA**

(Hiroshima University, Japan)

"Material Science toward achieving Carbon Neutrality"

Closing Session (Chairperson: S. Ideta)

14:10 - 14:25 **Student Award Ceremony**

14:25 - 14:30 **Closing Remarks**

HiSOR Tour

15:00 - 15:30 (English)

15:30 - 16:00 (Japanese)



The Japanese Society for Synchrotron Radiation Research



Particle Accelerator Society of Japan