

Program

Oral Session

DAY 1 • Tuesday, 3 March 2026

Opening (Chairperson: T. Okuda)

09:00 – 10:30

Greeting

Seiichi Miyazaki (*Executive Vice President(Research), Executive Vice President, Hiroshima University, Japan*)

Overview of HiSOR Activities

Kenya Shimada (*Director, Research Institute for Synchrotron Radiation Science, Hiroshima University, Japan*)

Masahiro Katoh (*Professor (Special Appointment), Research Institute for Synchrotron Radiation Science, Hiroshima University, Japan*)

Symposium Photo

Coffee break

10:30 – 10:40

Greeting

Daisuke Baba (*Deputy Director, University Research Facilitation Division, Research Promotion Bureau, Ministry of Education, Culture, Sports, Science and Technology (MEXT), Japan*)

Oral Session 1 (Chairperson: M. Ibrahim)

10:40 – 11:15

Sidney M. Hecht (*Arizona State University, USA*)

“The Use of Non-Canonical Amino Acids to Study Protein Function. Green Fluorescent Protein and Rob Protein ”

11:15 – 11:50 **José Luiz S Lopes** (*University of São Paulo, Brazil*)
“An SRCD Journey from Brazil involving the CEDRO Beamline”

11:50 – 13:40 **Lunch**

Poster Session (Chairperson: S. Ideta)

13:40 – 14:10 **Student Short Oral Session** (1~2 min/each)

14:10 – 16:10 **Poster Session**

Oral Session 2 (Chairperson: K. Kuroda)

16:10 – 16:45 **Takeshi Suzuki**
(*Graduate School of Frontier Biosciences, The University of Osaka*)
“Time-resolved ARPES and XRD study of charge-density-wave materials”

16:45 – 17:20 **Xue Han** (*Center for Emergent Matter Science, RIKEN, JAPAN*)
“Spin and angle-resolved photoemission studies on magnetic topological materials”

Reception (Chairperson: H. Sato)

18:00 – 20:00 **Welcome Reception**
LA Bohème(Faculty Club)

DAY 2 Wednesday, 4 March 2026

Oral Session 3 (Chairperson: M. Sawada)

- 09:00 – 09:35 **Asokan Kandasami** (*Department of Physics & Centre for Interdisciplinary Research, University of Petroleum and Energy Studies, Dehradun, India*)
" Understanding Ion Matter Interactions Using Synchrotron-Based X-ray Spectroscopic Techniques "
- 09:35 – 10:10 **Vijay Raj Singh** (*Department of Physics, Central University of South Bihar, India*)
" Ion-Irradiation-Driven Defect Engineering and Metallization in VO₂ Thin Films "
- 10:10 – 10:45 **Yoshihisa Harada** (*Institute for Solid State Physics, University of Tokyo, Japan*)
" Soft X-ray emission spectroscopy of water in confined and interfacial conditions "
- 10:45 – 11:00 **Coffee break**

Oral Session 4 (Chairperson: Y. Kumar)

- 11:00 – 11:35 **Shinichiro Ideta** (*Research Institute for Synchrotron Radiation Science, Hiroshima University, Japan*)
" Recent Research and Development of ARPES Beamlines at HiSOR and Future Plan for Upgrade "
- 11:35 – 12:10 **Ryo Yokogawa** (*Research Institute for Semiconductor Engineering, Hiroshima University, Japan*)
" Study on phonon properties and atomic arrangement of SiGe alloy using synchrotron radiation techniques "

12:10 – 13:10 Lunch

Oral Session 5 (Chairperson: K. Matsuo)

13:10 – 13:45 **Petra Fromme** (*Arizona State University, USA*)
"Time-resolved studies on Biomolecules with X-ray Free Electron lasers and development of compact X-ray Free Electron Lasers at Arizona State University"

13:45 – 14:20 **Akifumi Higashiura** (*Graduate School of Biomedical and Health Sciences, Hiroshima University, Japan*)
"Structural Basis for the Assembly of Virus-Like Particles, Encapsulin"

Closing Session (Chairperson: H. Namatame)

14:20 – 14:30 Awarding of Student Poster Prizes and Closing Ceremony
Closing Remarks