

# The 26<sup>th</sup> Hiroshima International Symposium on Synchrotron Radiation

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

March 10 - 11, 2022

Hiroshima University, Faculty Club

India

china

Japan

HiSOR

## Program

March 10

### ■ Opening (Chairperson: T. Okuda)

#### ○ Greeting

Manabu ABE (Vice President, Hiroshima University, Japan)

9:30~10:10

9:30~9:40

#### ○ Overview of HiSOR Activities

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

9:40~10:10

Break

10:10~10:20

### ■ Oral Session 1 (Chairperson: S. Ideta)

#### ○ Ilya BELOPOLSKI (RIKEN, Japan)

"Observation of linked loops in a quantum ferromagnet: a new paradigm for topology in physics"

10:20~12:05

10:20~10:55

#### ○ Chaoyu CHEN (Southern University of Science and Technology, China)

"Electronic Structure Study on the Intrinsic Magnetic Topological Insulator Mn-Bi-Te family"

10:55~11:30

#### ○ Jayita NAYAK (Indian Institute of Technology Kanpur, India)

"Experimental evidence of six-fold degenerate Fermions in PdSb<sub>2</sub>"

11:30~12:05

Lunch

12:05~13:15

### ■ Poster Session (Chairperson: H. Sato)

#### ○ Student Short Oral Session (1~2 min/each)

13:15~16:00

13:15~14:00

#### ○ Poster Session

14:00~16:00

### ■ Oral Session 2 (Chairperson: M. Sawada)

#### ○ Goro SHIBATA (Tokyo University of Science, Japan)

"Angle-dependent XMCD as a Probe of Anisotropic Spin-density Distribution"

16:10~17:20

16:10~16:45

#### ○ Yuichi YAMASAKI (National Institute for Materials Science, Japan)

"X-ray Magnetic Circular Dichroism in a Chiral Antiferromagnet"

16:45~17:20

March 11

### ■ Oral Session 3 (Chairperson: K. Miyamoto)

#### ○ Kazuki SUMIDA (Japan Atomic Energy Agency, Japan)

"Spin-Resolved Photoemission of Heusler-Type Weyl Ferromagnet Films"

9:30~10:40

9:30~10:05

#### ○ Yoshihiko TOGAWA (Osaka Prefecture University, Japan)

"Chirality-Induced Spin Polarization in Chiral Crystals"

10:05~10:40

Break

10:40~11:00

### ■ Oral Session 4 (Chairperson: H. Namatame)

#### ○ Yoshifumi TAKASHIMA (Nagoya University, Japan)

"Construction and Operation of Superconducting Bending Magnets in Aichi-SR"

11:00~12:10

11:00~11:35

#### ○ Masahiro KATOH (Hiroshima University, Japan)

"Recent Results from Design Study on HiSOR-2"

11:35~12:10

Lunch

12:10~13:30

### ■ Oral Session 5 (Chairperson: K. Matsuo)

#### ○ Toru ASAHI (Waseda University, Japan)

"Applications of the Generalized High Accuracy Universal Polarimeter (G-HAUP) to Solid State Sciences"

13:30~14:40

13:30~14:05

#### ○ Akinari YOKOYA (National Institutes for Quantum Science and Technology, Japan)

"Exploring active structures of DNA repair protein XRCC4 using CD and SAXS"

14:05~14:40

### ■ Closing Session (Chairperson: T. Okuda)

#### ○ Student Award Ceremony

14:40~15:00

14:40~14:55

#### ○ Closing Remarks

14:55~15:00

