

Program

- 10 : 30 – 10 : 40 *Introduction*
Yoshiharu Sakurai (JASRI / SPring-8)
- 10 : 40 – 11 : 00 *Progress on measurement techniques of XMCD by major upgrade of BL25SU*
Tetsuya Nakamura (JASRI / SPring-8)
- 11 : 00 – 11 : 30 *Interface spin control using magnetoelectric effect of spintronic Cr₂O₃/Co interface*
Yu Shiratsuchi (Osaka Univ.)
- 11 : 30 – 11 : 50 *Hard-X-ray MCD spectroscopy at BL39XU: opportunities for ultra-precise magnetic moment detection and X-ray nano-magnetometry*
Motohiro Suzuki (JASRI / SPring-8)
- 11 : 50 – 12 : 20 *Pressure-induced structural and magnetic transition of Fe and Co probed by XMCD and XAFS*
Naoki Ishimatsu (Hiroshima Univ.)
- Lunch (70 min.) -----
- 13 : 30 – 13 : 50 *Upgrading of microspectroscopy systems at BL17SU and their applications to materials science*
Masaki Oura (RIKEN / SPring-8)
- 13 : 50 – 14 : 20 *Magnetic imaging of advanced materials by using photoemission electron microscopy*
Masato Kotsugi (Tokyo Univ. of Science)
- 14 : 20 – 14 : 40 *Resonant magnetic spectroscopy and scattering
with the segmented cross undulator at SPring-8 BL07LSU*
Iwao Matsuda (ISSP / The Univ. of Tokyo)
- 14 : 40 – 15 : 10 *High Resolution Soft-X-ray Resonant Inelastic X-ray Scattering
of Half-metallic CrO₂ in Magnetic Field*
Hidenori Fujiwara (Osaka Univ.)
- Coffee Break (20 min.) -----
- 15 : 30 – 15 : 50 *Introduction of soft x-ray magnetic circular dichroism apparatus at BL23SU*
Yukiharu Takeda (JAEA / SPring-8)
- 15 : 50 – 16 : 20 *Spin characteristics of non-magnetic elements in dilute magnetic topological insulators probed via X-ray magnetic circular dichroism*
Akio Kimura (Hiroshima Univ.)
- 16 : 20 – 16 : 40 *Introduction of MCD and Spin resolved hard X ray photoemission spectroscopy in BL47XU*
Eiji Ikenaga (JASRI / SPring-8)
- 16 : 40 – 17 : 10 *Electronic structure of buried layers by high energy photoemission and X-ray magnetic circular dichroism*
Siham Ouardi (Max Planck Institute)
- 17 : 10 – 17 :30 *Discussion and summary*