## Experimental Facilities



1. Newly Developed Experimental Facilities
1-2 BL-15A, Dedicated to Semi-Microbeam XAFS/XRF/XRD and High-Brilliance SAXS/GI-SAXS Studies 1-3 Construction of New Wide-Energy Range VUV & SX Beamline BL-2 "MUSASHI"
1-4 Construction of BL-13B, Optics for Photoelectron Spectroscopy
1-5 Upgrade of PF SAXS Beamlines: Replacement of the Experimental Stage and the Detector at BL-6A, and Refurbishment of BL-10C
1-6 Replacement of Main Optical Components of the Wide-Range Soft X-Ray Spectroscopy Station BL-11A
1-7 Reconstruction of BL-20B for X-Ray Topography and Related X-Ray Diffraction Experiments
1-8 Upgrading of the BL-6C
2. Structural Biology Research Center
2-1 Overview
2-2 Leading the National Project for Structural Life Science - PDIS Starting from FY2012
2-3 Research Progresses under Several External Grants
3. Condensed Matter Research Center
3-1 Overview
3-2 CMRC Projects
4. Slow Positron Facility
4-1 Overview
4-2 Projects
5. IMSS Instrument R&D Team
5-1 X-Ray Imaging Using Synchrotron Radiation for Studies on Hierarchic Structure and Dynamics in Materials 5-2 Ultra-Fast Signal Processing System for a Si-APD Array X-Ray Detector
5-3 Auger-Electron Detector System for Depth-Resolved X-Ray Magnetic Circular Dichroism (XMCD)
6. Summary of Experimental Stations