Experimental Facilities



Experimental Facilities

| 1. Newly Developed Experimental Facilities 1-1 Overview | . 73 |
|---|------|
| 1-2 Construction of New High-Brilliance XAFS/XRF/SAXS Beamline, BL-15A | |
| 1-3 Construction of BL-13B, Optics for Photoelectron Spectroscopy | |
| 1-4 New Simultaneous SAXS/WAXD Measurement System Combining Two Pixel Detectors at BL-6A, and Improvement of Data Quality at BL-10C | |
| 1-5 The Multipurpose X-ray Scattering Facility at the Indian Beamline, BL-18B, PF 1-6 Development of Beamlines for Structural Biology | |
| | |
| . Structural Biology Research Center | 80 |
| 2-1 Overview | |
| 2-2 Leads the National Project for Structural Life Science-PDIS Starting from FY2012 | |
| 2-3 Research Progresses under Several External Grants | |
| 3. Condensed Matter Research Center | 82 |
| 3-1 Overview | |
| 3-2 CMRC Projects | |
| 4. Slow Positron Facility | 84 |
| 4-1 Overview | |
| 4-2 Two Projects Running in Connection with the Activities | |
| 5. IMSS Instrument R&D Team | 86 |
| 5-1 Ultra-Fast Signal Processing System for a Si-APD Array X-ray Detector | |
| 5-2 Auger-Electron Detector System for Depth-Resolved X-ray Magnetic Circular Dichroism (XMCD) | |
| 6. Summary of Experimental Stations | 87 |