

Development of Multi-Wavelength X-Ray Microscope at BL-12

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Abstract

Soft X-ray microscopy beam line (BL-12) has been installed at Ritsumeikan University Synchrotron Radiation Center. A new project of developing an automatic multi-wavelength X-ray microscopy system is launched. This system can be controlled by a single finger and performs multi-wavelength imaging. The energy resolution is expected to be 3.1 eV. As the first step of this project, an automatic accurate positioning system and a new optical microscope stage have been introduced.

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