

Present state of synchrotron Mössbauer spectroscopy in BL11XU of SPring-8

Takaya Mitsui

National Institutes for Quantum and Radiological Science and Technology,
Sayo, Hyogo 679-5148, Japan

Abstract

Energy domain Mössbauer spectroscopy has been performing at the QST dedicated beamline (BL11XU) of SPring-8. In this presentation, I will introduce the present state of beamline operation, device performance including the nuclear Bragg monochromator, a brief introduction of applied research, future upgrade plans and research directions.