

Present Status of Nuclear Resonant Scattering beamline, BL09XU at SPring-8

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10 years has passed since the nuclear resonant scattering beamline BL09XU in SPring-8 started its operation in October 1997. The CREST project headed by Prof. Seto has started from the autumn of 2005. Target research of its project in JASRI/SPring-8 is “Development of advanced optics for nuclear resonant scattering”. The following activities supported by the CREST project will be discussed in my talk.

1. New experimental hutch build last winter
2. Liquid nitrogen cooled high heat-load monochromator
3. High resolution monochromators

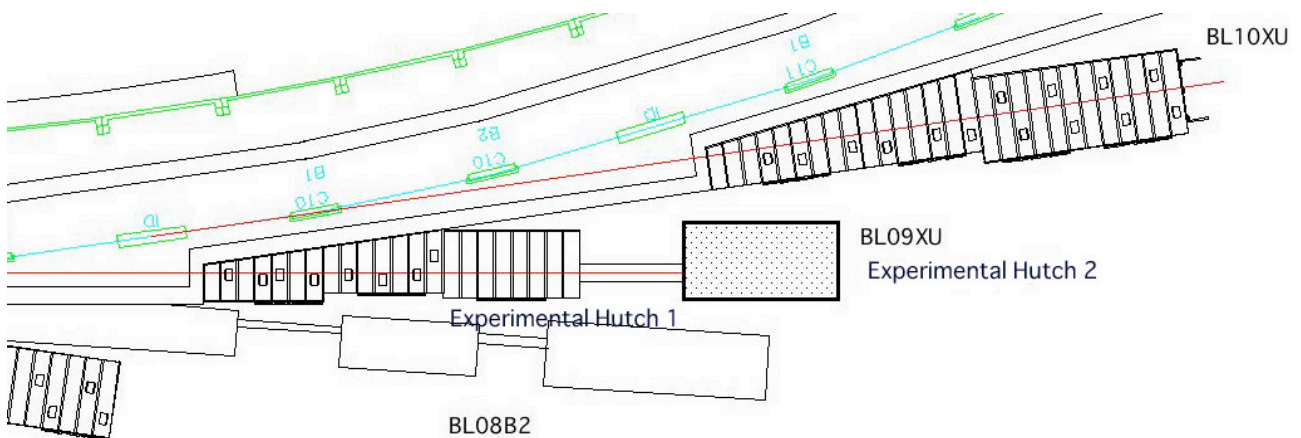


Figure The new experimental hutch built after the first experimental hutch.