

## **The first collaborative team access beamline at SLRI (BL 5.2)**

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On 1<sup>st</sup> August 2011 three institutes in Thailand, namely, Suranaree University of Technology (SUT), National Nanotechnology Research Center (NANOTEC) and Synchrotron Light Research Institute (SLRI) signed an agreement to evenly co-support the establishment of the *SUT-NANOTEC-SLRI Joint Research Facility*, where the members and associates from the three institutes can jointly utilize the facility, with the budget totaled at 45 million Baht (roughly \$1.5 million). The main propose of the project is to promote the utilization of synchrotron techniques for nanotechnology research. The planned flagship project of the facility was to build the first collaborative team access beamline at SLRI (BL 5.2) and its station. The beamline was designed for the XAS technique, which is the most heavily utilized synchrotron technique in Thailand. The beamline was completed and opened for use on 19<sup>th</sup> October 2012. The formal opening ceremony was graciously presided by HRH Princess Maha Chakri Sirindhorn – the crown princess of Thailand. The three institutes are evenly allocated the beamtime to be used by their members or their associates according to their own criteria. The technical detail of the beamline, the challenge and benefit of the collaborative team access scheme, and examples of research being carried out, will be presented.



The SUT-NANOTEC-SLRI XAS beamline (BL 5.2) at SLRI.