

DAQ control system for multi-beamline simultaneous experiments at SACLA

Sunday 18 October 2015 11:00 (30 minutes)

SACLA is an X-ray free electron laser facility in Japan. In spring of 2011, the first beamline (BL3) opened door for scientific experiments. The another beamline (BL2) is also available for scientific use in autumn of 2014. Fast-switched beam delivery to BL2 and BL3 is planned in fiscal year 2015, then we will provide more opportunity to perform experiments at SACLA. Since the experimental procedure of beamlines are different, we must segregate these DAQ control system each other. In summer of 2014, we recomposed computing and network system for the simultaneous experimental use. In this talk, we present the overview of the beamline network of SACLA with comparison of that of SPring-8. We also show some security trouble after the recomposition of the network system.

Author: SUGIMOTO, Takashi (Japan Synchrotron Radiation Research Institute)

Presenter: SUGIMOTO, Takashi (Japan Synchrotron Radiation Research Institute)