

Status Report on the Survey and Alignment of SACLA

SACLA is the Spring-8 Angstrom Compact free electron LAsEr, whose maximum electron energy is 8 GeV. Its final alignment was finished at January, 2011, and its first lasing was obtained at June, 2011. From the construction phase, we are still continuing measuring deformation of the SACLA building. After the commissioning, the monitoring systems (HLS, WPS) were reinforced. This report presents our activity focusing on the floor deformation of the building.

Primary author: Dr KIMURA, Hiroaki (RIKEN Harima Institute)

Co-authors: Mr KIUCHI, Jun (SPRing-8 Service Co. Ltd); Mr AZUMI, Noriyoshi (RIKEN Harima Institute); Dr MATSUI, Sakuo (RIKEN Harima Institute); Mr KAI, Tomoya (SPRing-8 Service Co. Ltd)

Presenter: Dr KIMURA, Hiroaki (RIKEN Harima Institute)