International Workshop on Accelerator Alignment 2010



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Installation and Alignment of RIKEN-XFEL at SPring-8

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The RIKEN-JASRI Joint XFEL Project Team is constructing XFEL facility at SPring-8 site. The building with a total length of 640m was completed in March, 2009. Install of the accelerator components was started from March 2009. Now, the accelerator section is almost finished and the undulator section is 40% finished. Its operation will be started from February 2011. We will present installation and alignment work on the whole, including a strategy of alignment, displacement of the floor concrete in this year, dealing with the subsidence of the floor concrete.

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