International Workshop on Accelerator Alignment



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Realignment activities on the Storage Ring of SSRF in 2014

Annually realignment was initiated in August this year. With the combination of Laser Tracker and digital level, all the monuments and fiducials on the magnets in the Storage Ring had been measured. By the Spatial Analyzer(SA) software, the collecting data adjustment had been accomplished. The deviations between the actual positions and the theoretical ones of Quadrupoles were obtained. And the comparisions between the deviations of adjacent magnets in-cell and cell-cell had also been made, which can be a criterion for the components adjustments.

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