

International Workshop on Accelerator Alignment

The 13th International Workshop on Accelerator Alignment(IWAA2014)

October 13-17, 2014

IHEP, Beijing, China



Contribution ID: 37

Type: **not specified**

The Primary Control network of HLSII

To ensure the high accuracy requirement of alignment and installation of HLSII, the high accuracy control network is necessary. The primary control network provides high accuracy reference to local control network. After optimization design that using Monte-Carlo method, according to the structure characteristic of HLSII, the primary control network is measured by several different instruments, such as: Laser tracker, Total station, plummet. The accuracy of actual primary control network meets the requirements of design project, it provides solid foundation for subsequent project.

Primary author: Mr WANG, Wei (University of Science and Technology of China)

Co-authors: Prof. HE, Xiaoye (National Synchrotron Radiation Laboratory, University of Science and Technology of China); Mr TANG, Zheng (University of Science and Technology of China)

Presenter: Prof. HE, Xiaoye (National Synchrotron Radiation Laboratory, University of Science and Technology of China)