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PS3-24 The Status of Goniometers for Crystal Collimation Experiment at CERN SPS

Thursday, 9 October 2014 17:00 (1h 30m)

Since experiment at circulating beam of CERN Super Proton Synchrotron has been started in 2009 the need of crystal positioning became a crucial for success of experiment. The present status of experiment on crystal collimation study, experience of development and using of goniometers at CERN SPS is presented.

The working principle, features and performance of goniometers which have been developed for UA9 crystal collimation experiment at CERN SPS are described. The possible improvement and future developments of goniometer are discussed in the presentation.

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