**Crystal Channeling for Large Colliders: Machine and Physics Applications** 



Contribution ID: 13

Type: not specified

## Experiments on beam deflection by crystal

Friday 23 March 2007 10:00 (30 minutes)

We performed experiments on electron beam deflection at 150 MeV-electron beam facility at Hiroshima University. The results qualitatively agreed with our simulation. On details, there are descripancies with the simulation and imply a necessity of future experiments at other electron beam facility with higher energy and high quality. We are planning a similar experiment at KEK-ATF.

Author: Dr IINUMA, Masataka (Hiroshima University)Presenter: Dr IINUMA, Masataka (Hiroshima University)Session Classification: Benefits for the LHC machine