## **Channeling 2012**



Contribution ID: 85

Type: not specified

## Observation and Comparative Analysis of Proton Beam Extraction/Collimation by Different Planar Channels of a Bent Crystal

Monday, 24 September 2012 19:41 (1 minute)

The results of recent IHEP (Protvino, Russia) experiment on 50 GeV proton beam extraction from the accelerator by means of a bent crystal are discussed.

**Primary author:** Mr KYRYLLIN, Igor (Akhiezer Institute for Theoretical Physics of National Science Center Kharkov Institute of Physics and Technology)

Co-authors: Dr AFONIN, A.G. (Institute for High Energy Physics, 142281, Protvino, Moscow Region, Russia); Dr LUN'KOV, A.N. (Institute for High Energy Physics, 142281, Protvino, Moscow Region, Russia); Dr SAVIN, D.A. (Institute for High Energy Physics, 142281, Protvino, Moscow Region, Russia); Dr KRYLOV, D.M. (Institute for High Energy Physics, 142281, Protvino, Moscow Region, Russia); Dr SYSHCHIKOV, E.A. (Institute for High Energy Physics, 142281, Protvino, Moscow Region, Russia); Dr YAZYNIN, I.A. (Institute for High Energy Physics, 142281, Protvino, Moscow Region, Russia); Dr VOINOV, I.S. (Institute for High Energy Physics, 142281, Protvino, Moscow Region, Russia); Dr IVANOVA, IV. (Institute for High Energy Physics, 142281, Protvino, Moscow Region, Russia); Dr BULGAKOV, M.K. (Institute for High Energy Physics, 142281, Protvino, Moscow Region, Russia); Prof. SHUL'GA, N.F. (Akhiezer Institute for Theoretical Physics of National Science Center Kharkov Institute of Physics and Technology); Dr CHIRKOV, P.N. (Institute for High Energy Physics, 142281, Protvino, Moscow Region, Russia); Dr RESHETNIKOV, S.F. (Institute for High Energy Physics, 142281, Protvino, Moscow Region, Russia); Dr MAISHEEV, V.A. (Institute for High Energy Physics, 142281, Protvino, Moscow Region, Russia); Dr GANENKO, V.B. (Institute of High-Energy Physics and Nuclear Physics of National Science Center Kharkov Institute of Physics and Technology); Dr TEREKHOV, V.I. (Institute for High Energy Physics, 142281, Protvino, Moscow Region, Russia); Dr TRUTEN', V.I. (Akhiezer Institute for Theoretical Physics of National Science Center Kharkov Institute of Physics and Technology); Dr GORLOV, V.N. (Institute for High Energy Physics, 142281, Protvino, Moscow Region, Russia); Dr BARANOV, V.T. (Institute for High Energy Physics, 142281, Protvino, Moscow Region, Russia); Prof. CHESNOKOV, Yu.A. (Institute for High Energy Physics, 142281, Protvino, Moscow Region, Russia)

**Presenter:** Mr KYRYLLIN, Igor (Akhiezer Institute for Theoretical Physics of National Science Center Kharkov Institute of Physics and Technology)

Session Classification: PS1 Poster Session

Track Classification: Poster Session