



Contribution ID: 64

Type: Oral

Focusing of High Energy Particles with the Help of Bent Single Crystal.

Wednesday, 8 October 2014 12:45 (15 minutes)

The mathematical description of focusing of high energy particles with the help of bent single crystals are presented. The obtained equations describe the transformation of two dimensional phase volume of beam at its motion in a focusing crystal. The carried out measurements of focusing are discussed. The experimental results are compared with our calculations. The possible applications of crystal focusing are considered.

Primary author: MAISHEEV, Vladimir (IHEP)

Presenter: MAISHEEV, Vladimir (IHEP)

Session Classification: S4: Charged Beams Shaping