

Polarized antiproton beams-- how? - an international workshop : Cockcroft Institute, Daresbury, Warrington, Cheshire, U.K. 29-31 August 2007

American Institute of Physics - PAC09



Description: -

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Hauptmann, Gerhart, -- 1862-1946.
Horsemanship.
Polarization (Nuclear physics)
Polarized beams (Nuclear physics) -- Congresses
Antiprotons -- Congresses
Proton beams -- Congresses
Polarized antiproton beams-- how? - an international workshop : Cockcroft Institute, Daresbury, Warrington, Cheshire, U.K. 29-31 August 2007
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2011 Particle Accelerator Conference

By fitting of quadrupole field strength parameters to measured values of the betatron function, a series of problems at the SIAM Photon Source could be determined. Several innovations have been incorporated in the design, in manufacturing and in the alignment procedures of the magnets. Tolerances on the beta star are given and the effect of misalignment errors is checked.

Polarized antiproton beams

It serves as a front end computer FEC that interfaces with the RHIC control system.

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The performance of the laser system is analysed with respect to the demands of the laser-wire experiment.

IPAC2011

The method was implemented through the summer of 2010. MacLeod UAD, Dundee, United Kingdom Funding: The U.

Polarized Antiproton Beams

Vergara-Fernández CERN, Geneva The Large Hadron Collider has 1572 superconducting circuits which are distributed along the eight 3. The bunchers were necessary to keep the beam bunched at the entrance of the Linac.

Polarized antiproton beams

Beam position monitor tilts estimate and multiple coupling response matrices have been introduced in the algorithm in order to optimize the procedure. The vertical alignment tolerance of arc sextupoles is again demanding. Buttimore, A helium-3 polarimeter using electromagnetic interference, The XVth International Workshop on Polarized Sources, Targets and Polarimetry PSTP 2013 , University of Virginia, Charlottesville, USA, September 9-13, 2013, LOC: Don Crabb - UVA Co-chair , Matt Poelker - JLAB Co-chair ; ISPC: R.

Polarized antiproton beams, how? [electronic resource] : an international workshop : Cockcroft Institute, Daresbury, Warrington, Cheshire, U.K. 29

Realistic beam simulations have been made and compared with the measurements. The Micro-Accelerator Platform is a laser powered particle acceleration device made from dielectric materials. Here we report on the latest laser wakefield accelerator experiments on the University of Strathclyde ALPHA-X accelerator beam line looking at narrow energy spread electron beams.

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