



Contribution ID: 112

Type: **Poster**

Profile monitors for pulsed antiproton beams used by the ASACUSA experiemnt at Cern's antiproton decelerator

Friday 5 September 2008 10:40 (20 minutes)

Several types of profile monitors used to measure the spatial and temporal profiles of pulsed antiproton beams at the Antiproton Decelerator (AD) facility of CERN is described. These include a highly sensitive, secondary electron emission chamber, a parallel plate ionization chamber, and a Lucite Cherenkov counter. These monitors were recently used in laser spectroscopy experiments of antiprotonic helium atoms.

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Session Classification: Poster Session 4 - Synchrotron Detectors and Pixel Detectors

Track Classification: Detectors for Synchrotron Radiation and Spallation Neutron Sources