

Abstract Submitted
for the 4CF06 Meeting of
The American Physical Society

Characterizing lasers for cosmic ray “test beams” at the Pierre Auger Observatory SHOJI KOMATSU, LAWRENCE WIENCKE, MIGUEL MOSTAFA — The Pierre Auger Observatory located in western Argentina is studying extended air-shower produced by high energy cosmic rays using two detectors: a Fluorescence Detector and a Surface Detector. Because cosmic rays test beams are unavailable, laser test beams are used to measure properties of Fluorescence Detector. Optical signatures of extended air-shower and laser test beams have several similarities. This talk will discuss characterization of the laser test beams including polarization and their absolute photometric calibration.

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Date submitted: 11 Sep 2006

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