

Abstract Submitted
for the 4CF09 Meeting of
The American Physical Society

Preliminary results from a new Auger fluorescence detector drum calibration light source ALEXEI DOROFEEV, JEFFREY BRACK, ROBERT COPE, BEN GOOKIN, JOHN HARTON, JAN KEMPINGER, YEVGENIY PETROV, Colorado State University, AUGER COLLABORATION — A new revision of electronics for Auger Observatory fluorescence detector drum calibration is in final completion stage now. The drum light source design is based on a new 365nm high power LED produced by Nichia. In this report we will present preliminary results on a spectrum of the drum light source and the influence of ambient temperature, pulse rate and pulse current amplitude on the drum spectrum.

Alexei Dorofeev
Colorado State University

Date submitted: 22 Sep 2009

Electronic form version 1.4