

Abstract Submitted
for the 4CF07 Meeting of
The American Physical Society

Pierre Auger Observatory: Anisotropy studies around the Galactic center DAVID THOMAS, University of Utah, PIERRE AUGER OBSERVATORY COLLABORATION — The Pierre Auger Observatory is the largest cosmic ray observatory in the world, located in the plains of central western Argentina. We present results for cosmic ray anisotropy searches in the direction of the Galactic center at energies in the EeV range, using data from January, 2004 to September, 2007. This is a larger data set than our previously published results. We test several scenarios for sources of cosmic rays arriving from the Galactic center with energies between 0.1 and 10 EeV.

David Thomas
University of Utah

Date submitted: 14 Sep 2007

Electronic form version 1.4