

Abstract Submitted
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The Pierre Auger Northern Observatory GREGORY SNOW, University of Nebraska, THE PIERRE AUGER COLLABORATION — The Pierre Auger collaboration plans to build the northern part of the Observatory in southeast Colorado. Results from the southern section of the Auger Observatory, which was completed in 2008, imply a scientific imperative to create a much larger acceptance for the extremely rare cosmic rays of energy above a few times 10^{19} eV. The plan for Auger North is to cover an area greater than 20,000 km², seven times the area of Auger South in Argentina. The motivation for Auger North and the status of preparations will be presented including: R&D work at the Colorado site on a small surface detector array; atmospheric monitoring measurements; R&D on new electronics and communications equipment; and outreach and relations with the local community.

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