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UHE photons, neutrinos, and hadrons at the Pierre Auger Observatory: Current status and prospects for the future

Monday, 13 May 2013 14:00 (25 minutes)

The status of searches for UHE photons and neutrinos at the Pierre Auger Observatory will be presented. Current limits will be compared to both models and other measurements. Evidence of the composition of the highest energy cosmic rays will be presented, and implications for photons and neutrino searches will be discussed.

Plans for an upgrade of the Observatory to improve composition sensitivity will be presented, and prospects for improved photon and neutrino limits discussed.

Primary author: Prof. NITZ, David (Michigan Technological University)

Presenter: Prof. NITZ, David (Michigan Technological University)

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Track Classification: Cosmic Rays (Theory/Experiment) Parallel