



Contribution ID: 14

Type: **not specified**

Highlights from the Pierre Auger Observatory

Tuesday, 15 September 2015 15:15 (25 minutes)

With an accumulated exposure of over $50,000 \text{ km}^2 \text{ sr yr}$, the Auger Observatory has the largest statistical sample of ultra-high energy cosmic rays. We will present highlights of recent results from Auger, including details of the energy spectrum, sensitivity to primary composition, searches for anisotropies and candidate sources, and searches for neutral cosmic messengers. Explorations of hadronic interaction physics with Auger, as well as upgrade plans for the Observatory will be alluded to, but will be featured in more detail in companion presentations.

Primary authors: PIERRE AUGER COLLABORATION, Observatorio Pierre Auger (Malargue, Argentina); Prof. COUTU, Stephane (Penn State University)

Presenter: Prof. COUTU, Stephane (Penn State University)

Session Classification: Cosmic Ray and Astrophysical Neutrino Detection

Track Classification: Cosmic Ray and Astrophysical Neutrino Detection