

# Waxman and Bahcall meet Auger in a single energy bin

*Monday, 4 May 2015 15:30 (20 minutes)*

Cosmic neutrinos with energies near  $10^9$  GeV and above are detectable with the Surface Detector array of the Pierre Auger Observatory. We report here on searches through Auger data from 1 January 2004 until 20 June 2013. No neutrino candidates were found, yielding a limit to the diffuse flux of ultra-high energy neutrinos that challenges the Waxman-Bahcall benchmark predictions.

**Primary authors:** ANCHORDOQUI, Luis (City University of New York); COLLABORATION, Pierre Auger (Av. San Mart'ın Norte 306, 5613 Malargu'e, Mendoza, Argentina)

**Presenter:** ANCHORDOQUI, Luis (City University of New York)

**Session Classification:** Neutrino Astrophysics

**Track Classification:** Neutrino Astrophysics