



Contribution ID: 31

Type: **not specified**

Results from the Third Flight of ANITA

Wednesday, June 13, 2018 10:00 AM (30 minutes)

The Antarctic Impulsive Transient Antenna (ANITA) payload has now completed four flights. ANITA is sensitive to impulsive Askaryan radio emission from neutrino-initiated showers in the Antarctic ice sheet, and also to geomagnetically-induced radio emission from extensive air showers (EAS) initiated by cosmic rays or upward-going tau leptons that could be created by tau neutrino interactions in the Earth. I will report on recent results from the third flight of ANITA, both in the search for Askaryan emission from neutrinos interacting in the ice sheet and a dedicated search for EAS signals.

Primary authors: Prof. VIIEGG, Abigail (University of Chicago); THE ANITA COLLABORATION

Presenter: Prof. VIIEGG, Abigail (University of Chicago)

Session Classification: Highlight talks