

ANITA: Current Status and Future Plans

Tuesday, June 7, 2016 2:00 PM (30 minutes)

The ANtarctic Impulse Transient Antenna (ANITA) collaboration deploys balloon-borne interferometric antenna payloads that fly at 37 km above Antarctica. The primary goal is detection of Askaryan emission from cosmogenic neutrinos interacting in the ice sheet. In addition, ANITA has proven sensitive to ultra-high-energy cosmic rays.

This talk will provide an update on ongoing analyses of the most recent ANITA flight, which launched December 2014. I will also discuss upgrades and plans for the upcoming ANITA-4 mission.

Summary

Author: Dr DEACONU, Cosmin (UChicago/KICP)

Presenter: Dr DEACONU, Cosmin (UChicago/KICP)

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