



Contribution ID: 21

Type: **Specialised Talk**

Towards Determining the energy of the UHECRs observed by the ANITA detector.

Thursday 21 June 2012 17:40 (20 minutes)

The Antarctic Impulsive Transient Antenna (ANITA) is a balloon-borne radio experiment designed to discover ultra-high energy cosmic neutrinos. The ANITA detector has completed one prototype and two full-scale flights above the Antarctic continent. Two direct and fourteen reflected cosmic ray events of the ultra-high energy were observed during the first full scale flight and several others in the second flight. We present a Monte Carlo technique and analysis developed to determine the energy of the primary cosmic ray particles from the ANITA data.

Author: Dr BELOV, Konstantin (UCLA)

Presenter: Dr BELOV, Konstantin (UCLA)

Session Classification: Microwave Detection