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ANITA and EVA

Saturday, January 9, 2016 2:00 PM (45 minutes)

The Antarctic Impulsive Transient Antenna is a long-duration NASA payload with a goal of the detection of the cosmogenic ultra-high energy neutrino flux. In this talk we will describe the payload and report on the third ANITA flight, completed in early 2015, as well as plans for the fourth flight later this year. In addition we will describe the ExaVolt Antenna payload which will be proposed to the NASA Explorers program later this year, and some new radio detector results based on the Askaryan effect.

Presenter: Dr GORHAM, Peter (Department of Physics and Astronomy, Univ. of Hawaii)