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The Fourth Flight of the ANtarctic Impulsive Transient Antenna (ANITA)

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ANITA is a NASA balloon-borne radio (200-1200 MHz) telescope with a primary goal of detecting coherent radio emission from ultra-high-energy (UHE) neutrinos. The instrument is also sensitive to detect radio impulses produced by cosmic ray induced extensive air showers. ANITA-4 flew Dec 2, 2016 and landed Dec 29, 2016 after 28 days.

This talk will present the ANITA-IV instrument, flight operation, calibration, and the status of ongoing data analysis.

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