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## Overview and results from the first four flights of ANITA

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ANITA was designed as a discovery experiment for ultra-high energy (UHE) neutrinos using the radio Askaryan detection technique, launching from McMurdo Station in Antarctica under NASA's long duration balloon program and observing 1.5 million square kilometers of ice at once from an altitude of 40 km. Over ANITA's four flights we set the best constraints on UHE neutrino fluxes above  $10^{19}$  eV, unexpectedly observed radio emission from UHE cosmic ray air showers, making improvements to the instrument and lowering thresholds on each flight. I will give an overview of ANITA's remarkable history and plans for the future.

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