

Abstract Submitted
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Measuring the Cosmic Particle Radiation from electrons to actinides - CALET JOHN MITCHELL, NASA Goddard Space Flight Center, CALET COLLABORATION, HNX/TIGERISS COLLABORATION — CALET (Calorimetric Electron Telescope) was installed on the Exposed Facility of the Japanese Experiment Module (Kibo) on for 24 August 2015. CALET measures the high-energy spectra of electrons, nuclei, and gamma-rays. CALET will extend direct measurements of the total electron spectrum into the trans-TeV energy range for the first time. In this paper, we will present the science and current status of CALET and initial observations from its first 1.5 years in orbit.

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