

# The Dark Energy Survey Supernova Project

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The Dark Energy Survey (DES) is a five-year astronomical survey, starting in Fall 2013. DES is specifically designed to study dark energy, using a new 570-megapixel digital imager, the Dark Energy Camera, mounted on the Blanco 4-meter telescope at CTIO in Chile. It will do this using four major complimentary dark energy probes, one of which is Type Ia supernovae. As part of DES, a time-domain survey over 30 square degrees will yield well-measured light curves for approximately 4000 Type Ia supernovae, more than quadrupling the world's current cosmological sample. Extensive tests of the camera, operating systems, and data quality were carried out in a science verification observing period in 2012-13. I will present an overview of the DES supernova program and supernova results from the data taken during science verification.

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**Primary author:** BARBARY, Kyle (ANL)

**Co-authors:** MARRINER, John (FNAL); STEPHEN, Kuhlmann (ANL)

**Presenter:** BARBARY, Kyle (ANL)

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