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## The Dark Energy Survey

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The Dark Energy Survey (DES) is a next generation sky survey aimed directly at understanding the dark energy, by measuring the 14-billion-year history of cosmic expansion and the growth of structure in the universe with high precision.

During fall 2012 the DES collaboration installed and commissioned DECam, a 570 mega-pixel optical and near-infrared camera with a large 3 sq. deg. field of view, set at the prime focus of the 4-meter Blanco telescope in CTIO, Chile, and took the first set of science images for Science Verification. The first observing season then went from August 2013 to February 2014. Observing during five seasons, DECam will map an entire octant of the southern sky to unprecedented depth, measuring the position on the sky, redshift and shape of almost 300 million galaxies, together with thousands of galaxy clusters and supernovae. With this data set, DES will study the properties of dark energy using four main probes: galaxy clustering on large scales, weak gravitational lensing, galaxy-cluster abundance, and supernova distances. In this talk we present the current status of the project, and the plans and goals for the coming years.

### Summary

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