

The Dark Energy Bedrock All-Sky Supernova Survey

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Type Ia supernova science holds steady as one of the leading probes to study the behavior of our universe, and yet, even the most complete and advanced datasets to date suffer from poor statistics and systematics at low redshift. To combat these pitfalls, the Dark Energy Bedrock All-Sky Supernovae (DEBASS) program will provide the largest consistently calibrated low- z SN Ia data in the southern hemisphere, helping improve measures of bulk flow and universe isotropy. At this time, DEBASS has accumulated more than 350 spectroscopically confirmed SN Ia within the redshift range out to $z \sim 0.08$ using the Dark Energy Camera for 3.5 nights per semester over the last 4 years. In this talk, we will introduce the DEBASS program, discuss its science goals and the advantages it presents to supernova cosmology, and introduce the upcoming DEBASS early data release, composed of 56 SNe located within the Dark Energy Survey footprint.

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