## Calibration and Standardization of Large Surveys and Missions in Astronomy and Astrophysics



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## PreCam a step towards the Photometric Calibration of the Dark Energy Survey

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The Dark Energy Survey (DES) will be taking the next step in probing the Dark Energy and understanding of the physics of cosmic acceleration. A step towards the photometric calibration of DES, is to have a quick, bright survey in the DES footprint (PreCam), using a prototype of Dark Energy Camera (DECam) CCDs and DES filter set. The objective of PreCam Survey is to create a network of calibrated DES grizy standard stars that will be used for DES nightly calibrations to improve the DES global relative calibrations. We describe the first year of PreCam observation, results and nightly calibration.

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