

New Results from the Dark Energy Survey and the South Pole Telescope

Tuesday, May 29, 2018 8:05 AM (35 minutes)

Astronomical surveys that map the cosmic microwave background (CMB) and the distribution of large scale structure of the Universe have demonstrated an impressive ability to constrain cosmology and to probe fundamental physics. In this talk, I will present an overview of recent results from the South Pole Telescope, which maps the CMB at small angular scales, and the Dark Energy Survey, which measures large scale structure via the positions of galaxies and weak gravitational lensing. Both experiments have already yielded exciting cosmological and astrophysical constraints, and are poised to advance these constraints significantly in the near future.

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Collaboration name

Dark Energy Survey and South Pole Telescope Collaborations

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