

Special
Day!

Special
Time!

LEPP Journal Club

Thursday, March 1, 2012. 1:30 pm (1:15 refreshments)
401 Physical Sciences Building



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Constraining Cosmology using the Growth of Structure & the Cosmic Microwave Background

The properties & nature of dark energy remain a complete mystery. Measurements of the growth of structure are affected by dark energy in a fundamentally different way than distance-redshift-based tests, such as those from type Ia supernovae & baryon acoustic oscillations. This feature allows

important systematic tests of the standard dark energy paradigm. I will discuss recent results from the South Pole Telescope (SPT), and a mm-wavelength telescope designed to search for clusters of galaxies via their distortion of the cosmic microwave background (CMB).

