

Special Day!

Special Time!

# LEPP Journal Club

Thursday, March 8, 2012. 1:00 pm (12:45 refreshments)  
401 Physical Sciences Building

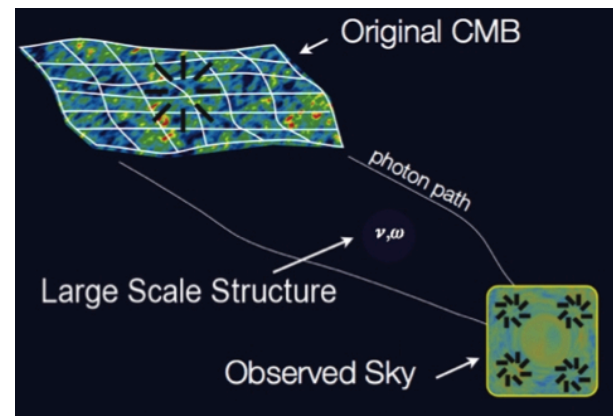


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## Probing Fundamental Physics by Measuring the Cosmic Microwave Background

Measurements of the cosmic microwave background (CMB) anisotropies are helping to address fundamental questions about dark energy, dark matter, and the GUT-scale physics of inflation. CMB observations with the Atacama Cosmology Telescope have led to exciting discoveries, including the first detection of the CMB gravitational lensing spectrum - a new cosmological probe. Advances in optics and superconducting detector technologies enabling these and future experiments will be discussed.



Atacama Cosmology Telescope

