

MIMOŘÁDNÝ SEMINÁŘ ASTRONOMICKÉHO ÚSTAVU UK!

Praha 8, V Holešovičkách 2
Všichni zájemci jsou srdečně zváni.

23.6.2011 **Eric LINDER** Institute for the
Čtvrtek! Early Universe, Seoul, Korea
ČAS: 15.00 & University of California,
Místo: TAU Berkeley, USA

Testing Dark Energy and Gravity

Abstract: In the 13 years since discovery of the acceleration of the universe, great progress has been made in cosmological observations and great numbers of theories have proliferated to explain the dark energy causing the speed-up. I discuss the most recent data and what we might expect in the future. For the present, the observed behavior near to Einstein's cosmological constant can result from a wide variety of different physics - from quantum fields to new gravity. For the future, I explore how mapping the three-dimensional galaxy distribution will allow us to test cosmology and gravity.

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