



Newton Meets Einstein: A Test of Weak Lensing

Redshift surveys and weak lensing maps are two powerful tools of modern cosmology. SHELS, a deep complete redshift survey in the foreground of weak lensing map, offers an independent measurement of the dark matter distribution “imaged” by the weak lensing map. The comparison enables evaluation the completeness and efficiency of catalogs of massive clusters of galaxies (halos) derived from weak lensing surveys. Understanding the limitations of weak lensing is an important foundation for JDEM.

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April 7, 2009 (Tuesday) at 3:30pm (Refreshments at 3:15pm)

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