

Paweł Bielewicz (NCBJ), Effect of photometric redshift errors on cross-correlation between LSST and CMB gravitational lensing potential

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Cross-correlation of the cosmic microwave background (CMB) gravitational lensing potential with the LSST galaxy survey divided into narrow redshift bins will enable to map the evolution of the cosmological parameters with redshift. We will discuss the effect of the redshift bin mismatch of galaxies, that is due to photometric redshift errors, on cross- correlation measurements and estimation of cosmological parameters.

Session Classification : Cosmology