

## General LSS studies with LSST

*Thursday, 14 March 2019 15:20 (20)*

I envisage to use LSST data for general large-scale structure studies, in particular within the LSST Dark Energy Science Collaboration (DESC). Particular applications may include: photometric redshift derivation, application of resulting catalogs for such studies as tomographic angular clustering, galaxy-galaxy lensing, cross-correlations with CMB lensing etc. Other possible topics of interest are related to peculiar motions (large-scale flows etc.) using appropriate photometry-based techniques (e.g. Nusser et al. 2011) and/or transverse motions.

**Primary author(s)** : BILICKI, Maciek (CFT PAN & NCBJ)

**Presenter(s)** : BILICKI, Maciek (CFT PAN & NCBJ)

**Session Classification** : Galaxies and cosmology

**Track Classification** : Galaxies and cosmology