

LSST Followup of eROSITA groups/clusters

- eROSITA X-ray survey will identify $\sim 10^5$ clusters/groups. Optical studies of these systems allow for removal of contamination, redshift measurement and characterization of the cluster galaxy population. Such cluster samples are useful for studying cosmic acceleration and the grow rate of structure.
- **LSST data:** wide survey starting Y1, photometric catalogs for determination of red sequence redshifts, shear catalogs for halo mass calibration and radial mass distribution
- **Other data:**
 - eROSITA candidate list (launch scheduled March 29, 2019, 2 sky surveys per year for 4 years- $\sim 30\times$ deeper than RASS)