

LSST@Europe3: Galaxies Workshop

Galaxies Roadmap:
arXiv:1708.01617

Key Issues

- Image processing
 - de-blending, low SB emission, photometry
- Galaxy classification and galaxy morphologies
- Identification of AGN
- Photometric redshifts
- Galaxy environments, over-densities, clusters

- Mock catalogues / simulations requirements

- Combining with other datasets

Multi-wavelength Synergies

- X-ray: e-ROSITA, XMM, Chandra, NuSTAR
- Optical pre-cursors: DES, HSC, PanStarrs
- IR: UKIDSS, VISTA, Spitzer, WISE, Euclid
- FIR: Herschel
- Radio: ASKAP, MeerKAT, LOFAR, JVLA, SKA

- Spectroscopy: DESI, 4MOST, VLT-MOONS, SKA