

Citations for LSST papers

The LSST Project Science Team

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Abstract

This document provides information about science and technology papers that describe LSST infrastructure. These papers should be referenced when describing the LSST system and its anticipated science outcome. Doing so will refer the readers to the most relevant publications and also recognize the contributions of those who brought the Project to fruition.

Contents

1	LSST Project Publication Policy	2
2	LSST System and Science	2
3	Simulations	2
4	Data Management	2
5	Camera	3
6	Telescope and Site	3
7	System Engineering	3

1 LSST Project Publication Policy

The LSST Project Publication Policy can be obtained from the LSST website. The remainder of this document lists suggested papers to reference, organized by topics.

Files needed to make this file are available from:
<https://github.com/lsst-pst/LSSTreferences>

2 LSST System and Science

The LSST system (brief overview of telescope, camera and data management subsystems), science drivers and science forecasts are described in:

- LSST Science Requirements Document: **lsstSRD**
- LSST overview paper: **ivezic2008lsst**
- LSST Science Book: **abell2009lsst**

3 Simulations

The LSST simulations are described in a series of papers. Use of the LSST simulations should cite the LSST simulations overview paper **2014SPIE.9150E..14C** and the specific simulation tools used:

- LSST Catalogs (CatSim): **2014SPIE.9150E..14C**
- Operations Simulator (OpSim): **2014SPIE.9150E..15D**
- Metrics Analysis Framework (MAF): **2014SPIE.9149E..0BJ**
- Image simulations (Phosim): **0067-0049-218-1-14**

4 Data Management

LSST data management and data products are described in:

- Data Products Definition Document: **DPDD**
- Data Management System Design: **DMDesign**

5 Camera

- Design and development of the LSST camera: **2010SPIE.7735E..0JK**

6 Telescope and Site

- Telescope and site overview and status in 2014: **2014SPIE.9145E..1AG**

7 System Engineering

- LSST systems engineering: **2014SPIE.9150E..0MC**
- System verification and validation: **2014SPIE.9150E..0NS**