

# Detector Calibration and Management

## Introduction

LCLS has a file-based system for maintaining experiment/run dependent calibration constants (e.g. pedestals, gains, geometry). A file-based system was chosen over a database so data could be more easily used at remote sites. At LCLS the calibration constants typically live in a directory called `/reg/d/psdm/<hutch>/<experiment>/calib` (e.g. `/reg/g/psdm/xpp/xpptut15/calib`).

## Topics:

- [Calibration Management Tool](#)
- [CSPAD Calibration](#)
- [Mask Editor](#)
- [Make ndarray for ROI mask](#)
- [Detector Geometry](#)
- [Detector alignment tool](#)
- [Auto-generated documentation](#)