

The background of the slide is a dark blue technical drawing or blueprint. It features various geometric shapes, including circles, arcs, and lines, rendered in a lighter blue and yellowish-green color. The drawing appears to be a cross-section or a detailed view of a complex mechanical or structural component, possibly related to the Large Synoptic Survey Telescope (LSST).

Data Release Production: F19 (June, July, August)

Yusra AlSayyad – DMLT F2F – June 6 2019

The logo for the Large Synoptic Survey Telescope (LSST). It consists of the letters 'LSST' in a bold, black, sans-serif font. The letter 'S' is stylized with a blue and white gradient, resembling a lens or a telescope component.

LSST

Large Synoptic Survey Telescope

DRP Activities for F19a (1 of 3)



Toward next Gen3 milestone (as discussed June 4) -

- Prep for and lead **PCW port-a-thon** (Bosch, Lust, Waters)
 - Features expected by devs: gen3 test repos, read configs from obs_packages, ability to run a dataId over and over.
 - Materials for PCW: Gen3 docs and examples
 - A Gen3 ci_hsc in Jenkins
- Porting to PipelineTask and daf.butler
 - Contributions from all of science pipelines including AISayyad, Fisher-Levine, Findeisen, MacArthur, Plazas, Rawls, Reed.

DRP Activities for F19a (2 of 3)



Algorithmic development:

- Galaxy Modeling – Taranu
- Full-focal plane PSF-Modeling and integrating PIFF - Meyers (at 30% FTE)
- Deblender – Moolekamp, Lust

Pipelines development (including)

- SDM-ification (AlSayyad)
- Image Differencing (understanding false positives + HSC) (AlSayyad)

~10% of effort reserved for emergent work and tech debt

DRP Activities for F19a (3 of 3)



Ongoing QA Activities

- Tract-scale FGCM Rykoff (50% FTE) --> photometric calibration
- Inject Fake Objects into DRP –
 - Reed
- QA processing: (including reporting metrics)
 - MacArthur
- Implementation of QA tooling described in QAWG
 - Morton (15-20% FTE) + Quansight

Beyond August

Hiring: 3 new devs starting October

- Clare Saunders
- Lee Kelvin
- Arun Kannawadi

