

The background of the slide is a dark blue technical drawing. It features various mechanical and structural diagrams in yellow and light blue. On the left, there are circular arcs and dashed lines representing a curved structure. On the right, there is a more complex assembly drawing with multiple components and lines. The overall style is that of a professional engineering blueprint.

Data Release Production: S19

Yusra AlSayyad – DMLT F2F – Nov 8 2018

The logo for the Large Synoptic Survey Telescope (LSST). The letters 'LSST' are rendered in a bold, black, sans-serif font. The letter 'S' is stylized with a blue and white gradient, resembling a map of the Americas. The 'L' and 'T' are solid black.

LSST

Large Synoptic Survey Telescope

DRP Activities for S19 (1 of 3)



Hiring

Ongoing Gen3 middleware development (as discussed this morning)

- Bosch, Lust, Waters (w/ help from Krzysztof, Simon??, Nick??)

Experiment with short, true agile sprints:

- Commissioning new **deblender, Scarlet** (January?)
 - Lust, Taranu, Reed, MacArthur, Bosch

DRP Activities for F18 (2 of 3)



Algorithmic development:

- Galaxy Modeling – Taranu
- PSF-Modeling, integrating PIFF - Meyers (at 30% FTE)
- Pipelines development (including)
 - Starting to run forced ccd photometry (multi-epoch forced phot) again
 - Validating replacement of jointcal instead of meas_mosaic

~10% of effort reserved for tech debt

To be evaluated mid-cycle:

- Sprint on astrometric validation and stabilization?

DRP Activities for S19 (3 of 3)



Ongoing QA Activities

- FGCM. Integrate redMaPPer into QA system (continued)
 - Rykoff (50% FTE); [DM-10585](#)
- Inject Fake Objects into DRP (continued)
 - Reed; [DM-14403](#)
- QA processing (including reporting metrics)
 - MacArthur
- Implementation of QA tooling described in QAWG (tentative)
 - Morton (15-20% FTE) + contractor?

Postprocessing/Standardization/Transformation - AlSayyad (as needed)