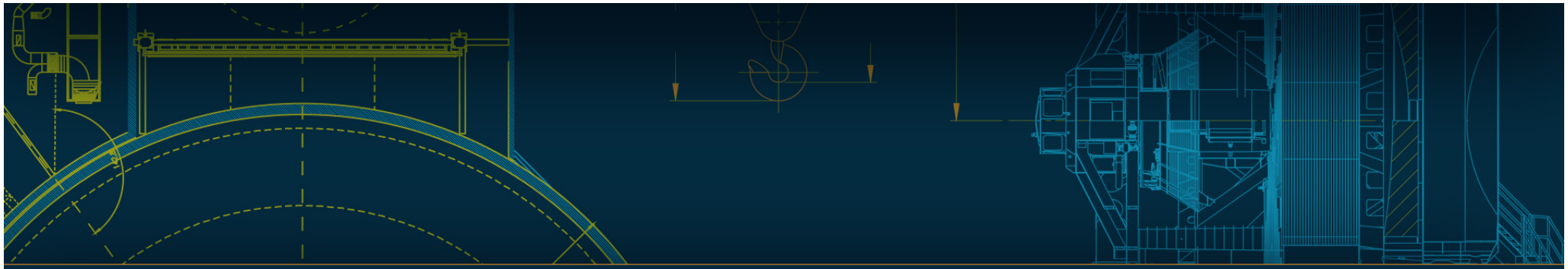

Data Release Production: S19

Yusra AlSayyad – DMLT F2F – Nov 8 2018

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:

- Comissioning 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)