

Slides for: DM-SST, Mon Aug 24

**Vera C. Rubin Observatory
Data Management**

**A Roadmap to Photometric Redshifts
for the LSST Object Catalog**

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Team.**

DMTN-049

Latest Revision: 2020-08-20

Roadmap Journey

Phase 1 — Soliciting input from the science community to define:

- (i) the roadmap and its timeline
- (ii) the desired qualities of the Object photo-z
- (iii) the evaluation criteria for selecting an algorithm

Phase 2 — Soliciting short science white papers from the community that provide science-driven prioritization of potential photo-z estimators.

Roadmap Destination

DM chooses one or more *community-vetted* photo-z estimators to implement in the Data Release pipeline.

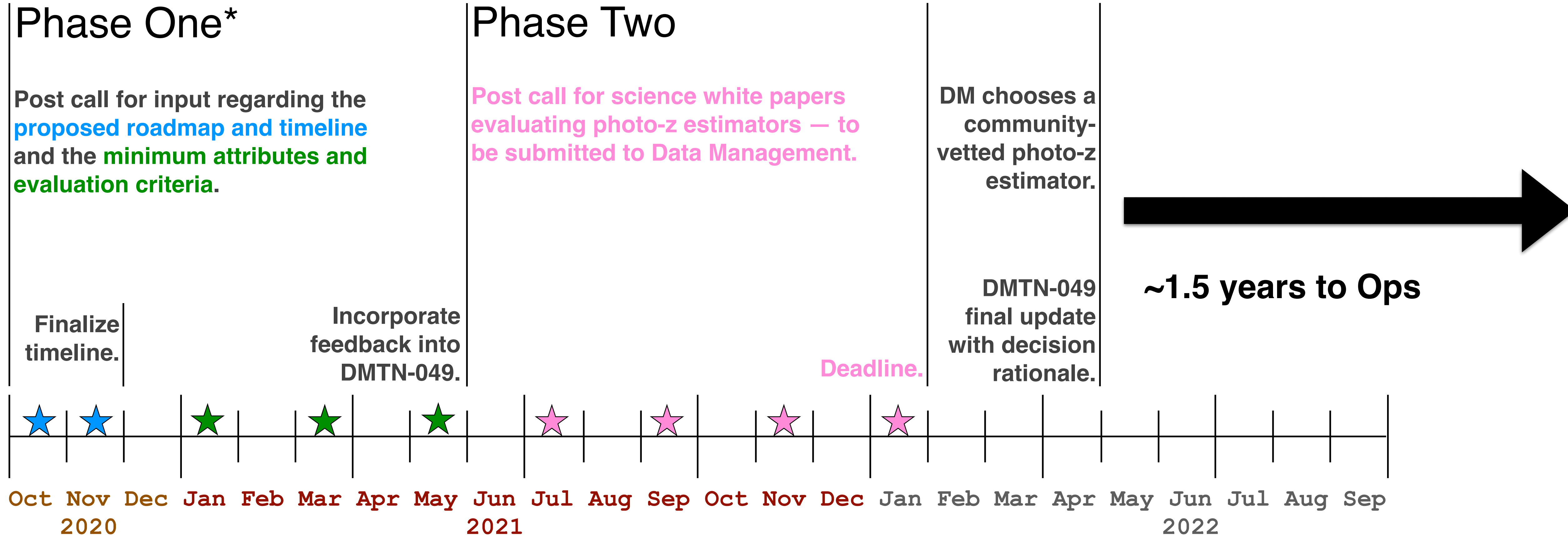
Beyond Scope of DMTN-049

Doing the implementation and validation.

Decisions about how the community participates in validation.

Decisions about the role of commissioning data in validation.

Roadmap Schematic



"Face-to-face" open forums on photo-z (project & community)

- ★ Approving the roadmap and its timeline.
- ★ Defining the minimum attributes and the evaluation criteria.
- ★ Sharing progress on photo-z science white papers.

***Phase One**

- Input collected via community.lsst.org, email, and during open topical forums (★).
- DMTN-049 will contain community-vetted evaluation criteria prior to Phase Two.