

SURVEY CADENCE OPTIMIZATION COMMITTEE'S TIMELINE FOR CHOOSING THE INITIAL LSST SURVEYING STRATEGY

THE SCOC TIMELINE IS SUBJECT TO CHANGE, THIS VERSION IS FROM AUGUST 2020:

- PCW2020: cadence report by the Project delivered to stakeholders
- Nov 2020: the **1st workshop** (virtual)
- Mar 1, 2021: the white paper deadline, followed by SCOC deliberations
- Mar-summer, 2021: a series of Science Collaboration-SCOC liaison telecons
- May 1, 2021: publish details about the 2nd workshop
- Fall 2021: draft SCOC recommendation ready and the **2nd workshop**
- Dec 31, 2021: finalized SCOC recommendation
- Mar 1, 2022: simulations of the recommended strategy available (detailed variations to enable a discussion of fine tuning all the knobs)
- Summer 2022: possibly the **3rd workshop** to fine-tune the recommended strategy, including "early science optimization"
- Dec 31, 2022: the simulation of the adopted observing strategy (the new baseline) produced and made publicly available
- Apr 1, 2023: the observing strategy fixed and implemented in the Scheduler and the Observatory Control Software

White papers: brief but specific and quantitative feedback to the SCOC about how available families of simulations work or don't work for specific science goals (as opposed to proposing new cadence ideas).

WORKSHOPS:

1st: enable the SCOC to receive detailed and quantitative feedback from the LSST Science Collaborations about the new generation of 100+ simulated LSST surveys

2nd: discuss the final detailed optimization of the observing strategy recommended by the SCOC

3rd: if needed, fine-tune the recommended strategy, including "early science optimization" (modifications of the baseline strategy during the first few months of operations)

Need more details?

You can go to **the SCOC website**, or talk to your SCOC liaison:

Galaxies:

Sarah Brough (s.brough@unsw.edu.au)

Solar System:

Meg Schwamb (mschwamb.astro@gmail.com)

Stars, Milky Way, and Local Volume:

Knut Olsen (kolsen@noao.edu)

Jay Strader (straderj@msu.edu)

Dark Energy:

Dan Scolnic (daniel.scolnic@duke.edu)

Renee Hlozek (hlozek@dunlap.utoronto.ca)

Hiranya Peiris (hiranya.peiris@fysik.su.se)

Active Galactic Nuclei:

Franz Bauer (fbauer@astro.puc.cl)

Transients/variable stars:

Mansi Kasliwal (mansi@astro.caltech.edu)

Colin Slater (ctslater@uw.edu)

Strong Lensing:

Lynne Jones (ljones.uw@gmail.com)

Informatics and Statistics:

Lucianne Walkowicz (l.m.walkowicz@gmail.com)

Liaison-at-large (for non-SC members):

Zeljko Ivezić (ivezic@uw.edu)



<https://ls.st/55y>
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