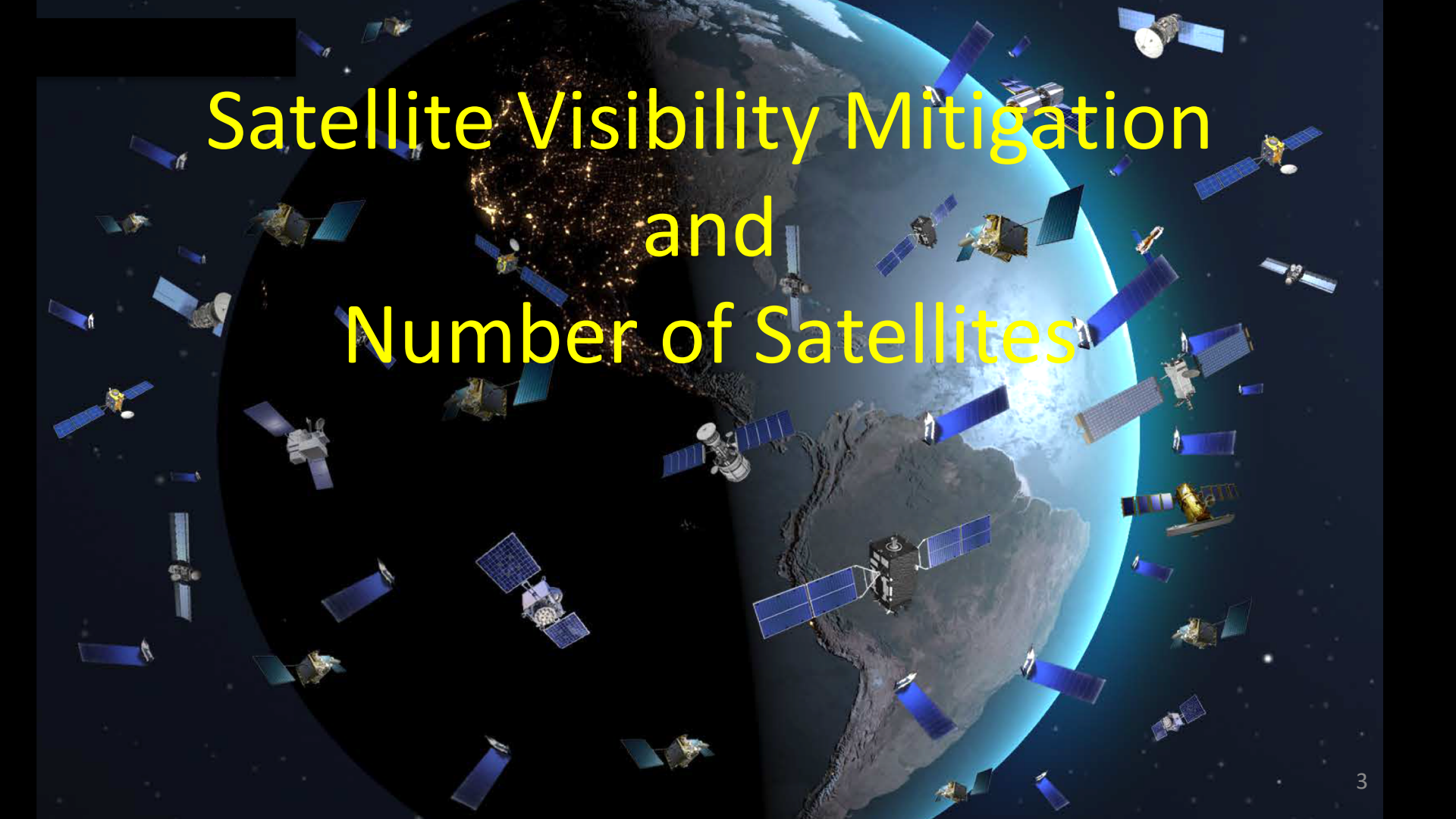
# Satellite Constellations

Co-chairs: Tony Tyson, Rachel Street

*Rubin Observatory Project & Community Workshop* August 9, 2022

# LSST Mitigation Challenges

- Streaks
  - CCD non-linear crosstalk
  - Streak masking residuals
- Variability & Glints
- Bogus events
- Science impact simulations


Satellite Visibility Mitigation
and
Number of Satellites

# Session Agenda

11:00 - Introduction, Tony Tyson (UC Davis)
11:05 - Overview, Meredith Rawls (U. Wash.)
11:20 - CCD Impacts, Andrew Bradshaw (SLAC)
11:25 - Streak Masking, Adam Snyder (UC Davis)
11:30 - Variability & Glints, Hank Corbett (UNC)
11:35 - Starlink Constellation Development, David Goldstein (SpaceX)
11:45 - Starlink Hardware Development, Jake Ankari (SpaceX)
11:55 – Discussion
12:30 – Adjourn

# Friendly reminders - virtual participation

Virtual participants should be muted when they're not speaking.

In-person participants should speak into the room microphone(s), or the chair should repeat all questions into the microphone, so that the virtual participants can hear what is said.

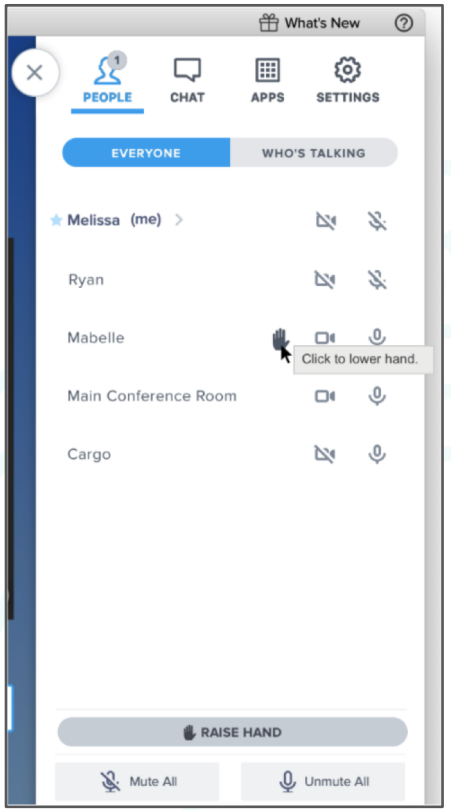
In the Rubin2022_PCW Slack Space, all participants can use the session's channel for Q&A and discussion: **#day2-tues-slot2b-satellite-constellations**

In BlueJeans, virtual participants should:

use the BlueJeans "raise hand" feature and wait for the moderator to call on you before speaking

or

**use the BlueJeans chat functionality to ask questions or make comments.**



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