

Catalina Sky Survey Monsoon Workshop 2026

*Lunar and Planetary Laboratory
University of Arizona, Tucson, AZ*

All talks are 20 min + 5 for questions
All times are MST (Arizona) = UTC – 7 hours

Monday, 17 August 2026

Session M1: **Near-Earth Object Surveys**, Chair: Carson Fuls (8:45 - 10:30)

- *Welcome*
- *PDCO overview, NASA HQ status update* – Kelly Fast, NASA (rem)
- *Multi-site search strategies for ATLAS* – Larry Denneau, University of Hawaii
- *Pan-STARRS and the search for Potentially Hazardous Comets* – Rob Weryk, UH (rem)
- *CSS characterization operations* – Carson Fuls, Catalina Sky Survey

Coffee

Session M2: **Future Skies and Surveys**, Chair: Alex Gibbs (11:00 - 12:40)

- *Measuring the Night Sky*, Al Grauer & Hannes Gröller, CSS
- *NEO Surveyor's Survey and Ops Plan*, Tyler Linder, NEO Surveyor
- *Predictions and First Results of the LSST Search for Imminent Earth Impactors*, Ian Chow, UW
- *Nearby Interesting Systems as Sources of Interstellar Material Delivery*, Cole Gregg, Pan-STARRS (rem)

Lunch provided

Session M3: **Community Software and Systems**, Chair: Vivian Carvajal (2:00 - 3:30)

- *Impact of Falcon 9 upper stage on the lunar limb*, Bill Gray, Project Pluto
- *Digest2: latest updates and developments*, Jorge Pérez-Hernández, MPC
- *Enhancements and additions to Tycho*, Daniel Parrott, Tycho Tracker
- Discussion

Coffee

Session M4: **CSS Software and Systems**, Chair: Tracie Wright (4:00 - 5:30)

- *NEOfixer: Out Now, Coming Soon, and How to Tell Us What You See. Now in 3D!*, Alex Gibbs, CSS
- *Survey Strategy Simulation*, Cameron Loewen, CSS (rem)
- *Six years of precovery*, David Rankin, CSS
- Discussion, end of day 1

Dinner – HUB Restaurant & Ice Creamery, 6:30 pm (<https://hubdowntown.com>)

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Tuesday, 18 August 2026

Session T1: **Planetary Defense Centers & Services**, Chair: Melissa Brucker (8:50 - 10:30)

- *From Observation to Designation, Faster: What's New in the MPC Pipeline*, Matt Payne, Minor Planet Center
- *CNEOS services and status*, Shantanu Naidu, Center for Near-Earth Object Studies
- *High-precision astrometry at ESA NEOCC*, Marco Micheli, European Space Agency (rem)
- *Update on SBN Tools*, Daniel Darg, University of Maryland (rem)

Coffee

Session T2: **NEO Follow-up Observing Panel**, Chair: Carson Fuls (11:00 - 12:30)

- ◇ Melissa Brucker, Spacewatch
- ◇ Tyler Linder, NEO Surveyor
- ◇ Marco Micheli, ESA (rem)
- ◇ Eileen Ryan, Magdalena Ridge Observatory (rem)

Lunch provided (option for breakout discussion)

Session T3: **Community Service**, Chair: Alessandra Serrano (2:00 - 3:40)

- *Wads In a Name: The Discovery and Naming of Spacewatch's (65803) Didymos*, Joe Montani, Spacewatch (ret)
- *Blink and You'll Miss It: A short history of blink technology in astronomy*, Tracie Wright, CSS
- *CSS facilities update*, Carson Fuls, CSS
- *The CSS Archive Reprocessing Campaign*, Rob Seaman, CSS

Coffee

Session T4: **Unconference** (4:00 - 5:30)

- Additional talks or discussions, a self-organizing hack session, etc.

Workshop Adjourns

Logistics

- Presenters share via Zoom: <https://arizona.zoom.us/j/88596023606> (pw: apophis)
- WiFi: UA Guest or eduroam

Breaks in the LPL Atrium