



**LSST**  
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## LINCC Frameworks to Host Software Workshop and Hackathon in Conjunction with Rubin Community Workshop 2025

The LINCC Frameworks team is excited to announce a hands-on [Software Workshop and Hackathon](#) taking place **Sunday, July 27 and Monday, July 28, 2025**, at **NOIRLab in Tucson, Arizona**, in conjunction with the Rubin Community Workshop 2025.

### About the Event

This in-person two-day event is designed to empower astronomers and researchers with the skills and tools to fully leverage the **LINCC Frameworks software ecosystem**, developed to support scientific discovery with data from the Vera C. Rubin Observatory. Attendees will gain direct experience working with **first** data from Rubin (pending data availability), offering a unique and timely opportunity to prepare for the observatory's data-rich era.

### What to Expect

Participants will engage with members of the LINCC Frameworks software engineering and project scientist teams in a collaborative environment that combines learning, experimentation, and innovation. The event will include:

- **Interactive tutorials** on the [LSDB and TDAstro](#) software packages from LINCC Frameworks software team
- **A mentored hackathon** focused on real-world scientific use cases, using Rubin early science data products, supported by LINCC Frameworks staff
- **Community-building and cross-disciplinary collaboration** among scientists and developers

This workshop and hackathon represent a critical opportunity for the astronomical community to connect with cutting-edge infrastructure and prepare for the dynamic workflows that Rubin will enable

## Who Should Attend

The event is **open to astronomers of all experience levels**, especially those interested in time-domain science, data-intensive research, and collaborative software development. Limited travel support is available.

## How to Apply

Spots are limited—[apply now](#) for a space in this hands-on workshop and hackathon. We will begin reviewing applications immediately on a rolling basis, and will close the application portal when we have accepted the maximum number of participants (no later than 11 July 2025). The review committee will balance experience level and software interest/scientific alignment with our mentors' expertise; participants with science use cases utilizing the LSDB and TDAstro software tools will be prioritized, as well as those who submit an application by 26 May 2025. We will notify early applicants of their application status by 1 June 2025, so that participants can make travel arrangements.

[Click here to apply.](#)

**Additional details** will be announced soon via the LSST-DA/LINCC Frameworks [Hackathons webpage](#).

## About LINCC Frameworks

[LINCC Frameworks](#) is a software initiative designed to develop scalable, open-source tools that enable the astronomical community to perform rich, reproducible science with Rubin Observatory data. LINCC Frameworks is supported by Schmidt Sciences, a philanthropic initiative founded by Eric and Wendy Schmidt, as part of the Virtual Institute of Astrophysics (VIA).

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