

Welcome!

Rubin Observatory

Low Surface Brightness Science and Robust Sky Estimation

Thursday, Aug 13, 12:00-13:00 PDT

Chairs: Lee Kelvin and Sugata Kaviraj

Web: tinyurl.com/pcw2020-lsb-session

Slack: [#day4-thu-slot3a-lsb-science](#)

Agenda (1 hour)

Welcome, Introduction, and Reminders [2 min]

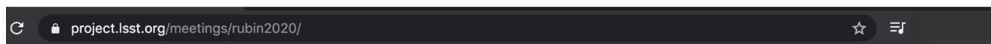
1. The LSB Universe: a vast new discovery space for LSST
Sugata Kaviraj [3 min]
2. Sky Subtraction in an Era of Low Surface Brightness Astronomy
Lee Kelvin [8+2]
3. Pushing the limits of source detection algorithms towards LSB light
Nushkia Chamba [8+2]
4. Testing the current LSST DM Stack Sky Subtraction Using Model Galaxies
Aaron Watkins [8+2]
5. How much ICL will the Vera Rubin Telescope reveal?
Cristina Martinez Lombilla [8+2]
6. The intracluster light of Abell 85 as seen by the Hyper Suprime-Cam
Mireia Montes [4+1]
7. Studies of intra-cluster light through stacking Dark Energy Survey Data
Yuanyuan Zhang [4+1]



Friendly Reminders



You agreed to abide by the Code of Conduct at registration - it can be found here on the website



Rubin Observatory

Project & Community Workshop 2020

Home Program Register Resources

Code of Conduct

For Attendees

For Presenters

For Session Chairs

Welcome

Due to the Covid-19 pandemic, this year's Project & Community Workshop (PCW) planned for August 10-14 is going virtual! The daily schedule will run from 9am to 5pm.

The Science Organizing Committee, consisting of Project, Operations and Community members, has put together an engaging program for the meeting.

Registration is now open (no fee) here. Project members can use existing credentials to register; non-project members will need to create an account. You can get an idea of the content by visiting the Sessions page. We will be posting more information on the website as we have it.

We hope everyone stays safe. If you have any questions or ideas, please contact communications-team at lists dot lsst dot org.



Rubin adheres to the principles of Kindness, Trust, Respect, Diversity and Inclusion in order to provide a learning environment that produces rigor and excellence.



Any discriminatory behavior against colleagues on any basis, such as gender, gender identity, race, ethnic background, national origin, religion, political affiliation, age, marital status, sexual orientation, disabilities or any other reason will not be tolerated.



If I witness any form of bullying, harassment or aggression I will follow the reporting instructions in the Code of Conduct.

Friendly Reminders



**All talks at this workshop
will be recorded.**

If you do not wish to be recorded, you
are welcome to keep your camera off.



**Videos are posted
the next working day.**

Each session will be posted on YouTube
and embedded on the session's page.



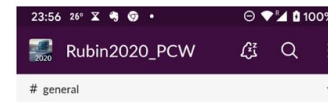
**Give Slack questions
a thumbs-up.**

Questions with more thumbs up
may get priority if time runs short.



Show your appreciation.

Feel free to applaud at any time
but especially at the end - Slack
has a clap emoji.



Welcome!

Slack is a messaging app for groups of people who work
together. You can send updates, share files, and organize
conversations so that everyone is in the loop.

**Ask questions through the Slack
channel or the Zoom chat.**

PT	Monday	Tuesday	Wednesday
08:00		Lightning Talks	Lightning Talks
08:30	Director's open (15)	Plenary 2	Plenary 3
09:00	Plenary 1	Operations QA	Science Collaborative Report
09:30	Construction QA (45)		
09:45			
10:00			BREAK (15)
10:30	Intro to Rubin Systems & Jargon	Algorithms Workshop Follow-up	Rubin Research Bytes (contributed flash talks)
11:00			Evaluating Survey Strategies
11:30			
12:00			BREAK (15)
12:30			
13:00	Community Support for Science	External Synergies for Rubin	Comm. & Validation
13:30			In-kind proposal workshop
14:00			Community Preparation for Early Career

**You can access the presentation
material on the session page.**