



Are we ready for real-time transient identification using the alert stream?

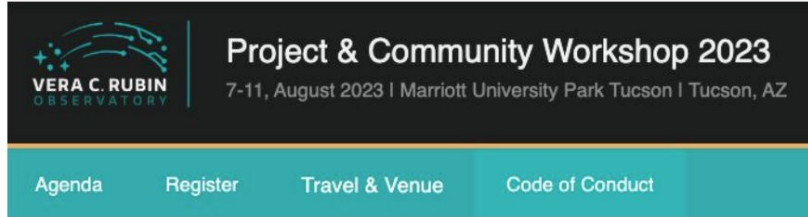


U.S. DEPARTMENT OF
ENERGY

SLAC



Reminder - Code of Conduct



Harassment and unprofessional conduct (including the use of offensive language) of any kind is not permitted at any time and should be reported to:


- Andrew Connolly (ajc@astro.washington.edu),
- John Franklin Crenshaw (jfc20@uw.edu), and/or
- Alysha Shugart (ashugart@lsst.org).




full code of conduct

Rubin Observatory adheres to the principles of kindness, trust, respect, diversity, and inclusiveness in order to provide a learning environment that produces rigor and excellence.


If you feel unsafe at any time send an email to rubin2023-helpline@lists.lsst.org




Handshakes OK
Fold Here



Elbow/Fist Bump OK
Fold Here



I Need My Space
Fold Here



Wear a mask if you want to!



Check name-tags for these contact comfort level stickers.

Use the confidential email rubin2023-covid@lists.lsst.org to request a test, report your test results, or ask questions.



If someone is wearing a pin like this, and it indicates a low social battery, please give them their space or offer to restart the conversation at a later time.

11:00am - 12:30pm



Canyon ABC Science Analysis Software & Infrastructure for the Legacy Survey of Space & Time (alphabetically) Will Clarkson, Andy Connolly, Jeremy Kubica, Rachel Mandelbaum, Phil Marshall, Knut Olsen, William O'Mullane, Aprajita Verma (contact) + Session Join Virtual Slack Conversation 	Madera What's your beef with the hiring process? Alysha Shugart + Session Slack Conversation	Pima Are we ready for real-time transient identification using the alert stream? Francisco Förster - Session Join Virtual Slack Conversation 	Sabino System Test Plan for the LSST On-sky Commissioning Period Keith Bechtol + Session Slack Conversation	Ventana Supporting science at small and/or underserved institutions Gloria Fonseca Alvarez + Session Slack Conversation
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12:30pm - 2:00pm

Lunch on Your Own

+ Session

2:00pm - 3:30pm

Canyon ABC Rubin In-kind Program: Community session (alphabetically) Bob Blum, Agnès Ferte, Greg Madejski, Steve Margheim, Phil Marshall, Knut Olsen, Steve Ridgway, Aprajita Verma (contact) + Session Join Virtual Slack Conversation 	Madera Refining the Alert Follow-Up System Bryan Miller + Session Slack Conversation	Pima Updates on Survey Strategy Optimization Lynne Jones, Federica Bianco + Session Join Virtual Slack Conversation 	Sabino Career Pathways for Students Beth Willman, Ryan Oelkers, Jennifer Sobeck + Session Slack Conversation	Ventana Countdown to AOS Commissioning Guillem Megias Homar, Josh Meyers & Sandrine Thomas + Session Slack Conversation
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Is this a real extragalactic transient?

Should one trigger 8 m class spectroscopic follow up?

1. There is at least one reliable DIA source.
2. There are more than one DIA sources.
3. There is a galaxy in the line of sight (with redshift & other prop.)
4. There is no obvious star in the template (unless in very nearby galaxy).
5. The Milky Way extinction is not very large.
6. There are multi wavelength / multi messenger crossmatches in space & time.
7. There is lack of variability before the first detection.
8. The light curve shape looks like a real object.
9. Assuming the 1st detection didn't happen: before the 2nd detection the light curve seems to be going up.

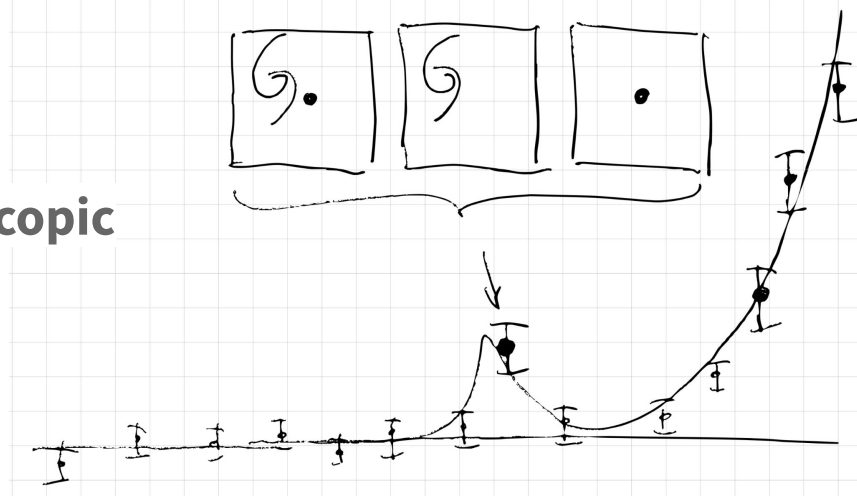


Image stamps (Reyes-Jainaga)

Crossmatches (Wilson, Förster, Andreoni)

Light curve (Knop, Malz, Gagliano)

Unveiling the dynamic universe: cosmic streams in the era of Rubin

11-15th December 2023, Puerto Varas, Chile

Jul 21st – Registration opens

=> **Sep 8th – Contributed talk submission deadline**

Sep 15th – Decision on contributed talks

Sep 30th – End of early registration fee

Oct 1st – Start of late registration fee

Nov 3rd – Registration closes

<https://cosmicstreams.cl/>

