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irap
astrophysique & planétologie



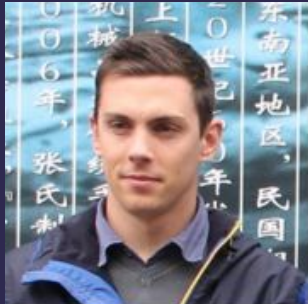
KILONOVA CATCHER

Telecon: Thursday, May 29th

Presented by The Kilonova Catcher Core Team

Welcome & Introductions

PI: Damien Turpin



Astrophysicist

at CEA-Saclay Paris

damien.turpin@cea.fr

GRANDMA PI: Sarah Antier



Astronomer

**at OCA-Nice and
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Operations: Cristina Andrade



Astrophysicist -

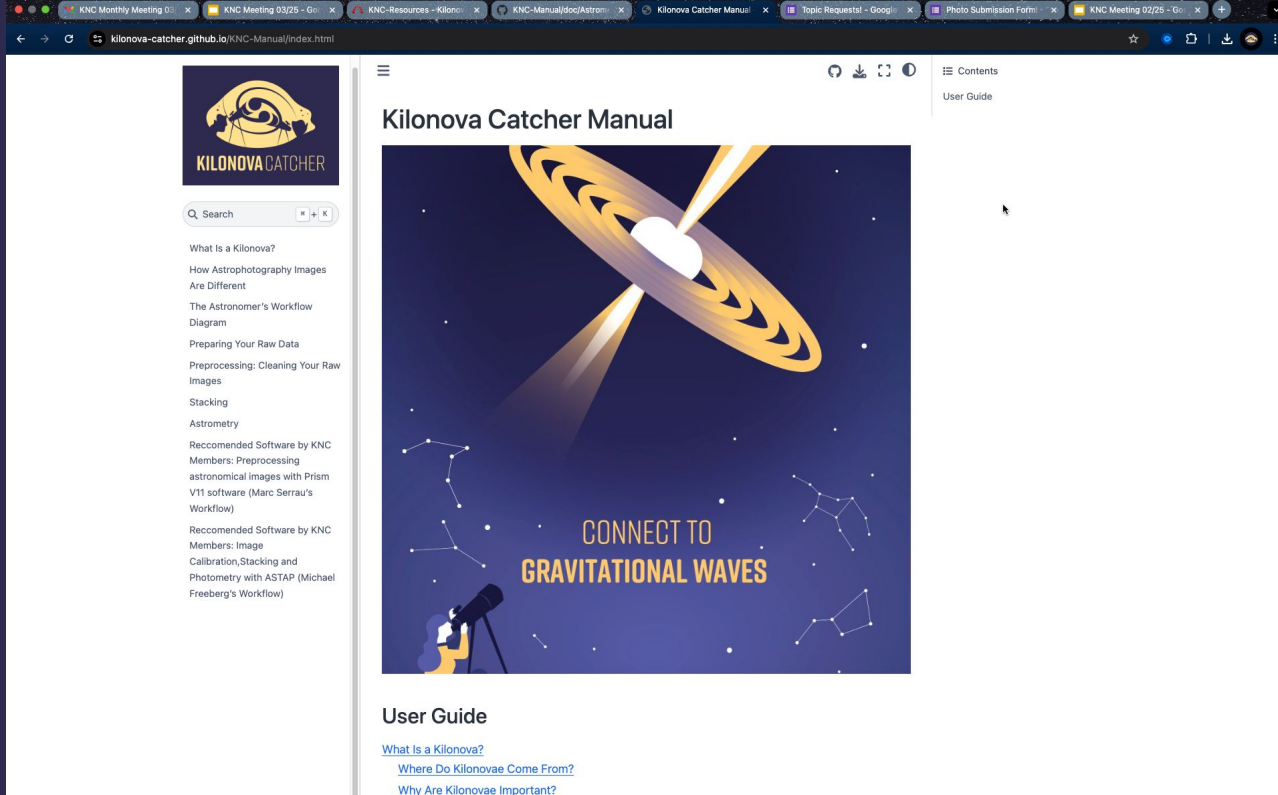
Research Professional

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Manual: <https://kilonova-catcher.github.io/KNC-Manual/index.html>



The screenshot shows the Kilonova Catcher Manual website. The browser's address bar displays the URL `kilonova-catcher.github.io/KNC-Manual/index.html`. The page features a dark blue header with the Kilonova Catcher logo on the left and a navigation menu on the right. The main content area is white and contains a large illustration of a gravitational well with a white object at the center, surrounded by yellow and orange rings. The text "CONNECT TO GRAVITATIONAL WAVES" is written in yellow. Below the illustration, the "User Guide" section is visible, with links to "What is a Kilonova?", "Where Do Kilonovae Come From?", and "Why Are Kilonovae Important?".

Kilonova Catcher Manual

CONNECT TO GRAVITATIONAL WAVES

User Guide

- [What is a Kilonova?](#)
- [Where Do Kilonovae Come From?](#)
- [Why Are Kilonovae Important?](#)



Agenda



1. Calendar
2. Alert system priorities
3. Synergy with ExoPlanet Watch & New Members
4. Mid Year Feedback Form
5. Image Analysis support
6. Updates to the KNC Website: How do you feel the website can support new members?
7. Organization with new members: How would you feel that slack can serve new members?
8. Forge: Do you all use it? Would you rather it be on the KNC cookbook for easy access?
9. KNC Social Media presence - what would you like to see besides your images?
10. Building a KNC member experience video: Short videos to use for social media.
11. Regular Form (Topic and Photo) Updates
12. Photo of the Meeting
13. Announcements & Updates
14. Open Discussion?

*Please let me know if
I am not sharing my
screen!*



KNC Social Calendar

KNC Social Calendar currently:

- Monthly Meeting
- Monthly Webinars
- Cristina's public talks (when available)

It currently has the zoom link to connect there.

Send me an email or slack message if there is an event related to KNC activity that you think others may be interested in!

Are you able to connect? Any questions?



Alert System Priorities

Question posed (R. Hellot): Are all GRB alerts posted in #grbalerts scientifically valuable?

Damien's Response:

GRB follow-up must be rapid due to fading brightness—observing early is often the only way to catch them.

After 10+ hours, it's reasonable to check GCN Circulars or team commentary to determine if the event is still worthwhile.

No filters are currently applied to GRB alerts (e.g., solar/moon proximity), but this could be introduced.

Cristina's Clarification:

All alerts posted are observable by KNC members, but not all are prioritized by GRANDMA.

Leadership (Cristina, Damien, Sarah) will often highlight high-value targets in follow-up discussions.


GRANDMA has been on a break for April-May. Activity will resume June - end of November.

You are more likely to see scientists following up with you all and requesting observations with the KNC_alert_bot.

The discussion can
be found in
#Questions




Wednesday, April 16th




KNC_alert_bot APP 2:16 AM

🌟 GRB candidate GRB 250416.2695023148
(Please @channel discuss follow-up results by replying to this message)

Want more informations?
KNC event page: [Click here](#)
GRB event page: <|[Click here](#)>


 4 replies · Last reply 5 days ago

Thursday, April 17th




Roger Hellot 4:29 AM

I tried to observe GRB 250416.2695023148 last night but from Chili the altitude (15° over horizon) was too low for our conditions.

 1 reply · 5 days ago

Friday, April 18th



KNC_alert_bot APP 9:56 PM

🌟 GRB candidate GRB 250419.1038425926
(Please @channel discuss follow-up results by replying to this message)

Want more informations?
KNC event page: [Click here](#)
GRB event page: <|[Click here](#)>



Synergy with ExoPlanet Watch & New Members

We have a few interested parties and a handful of new members coming in.

Today:

Dr. Anthony Norris, amateur astronomer for exoplanet transits and now kilnova, has joined us!

His current telescope is a 0.23m, a Celestron 925 Edge.

Please welcome him and other new members (as they come in) in
[#welcome-new-members](#)



Mid Year Feedback Form

First Name, Last Name, and slack username. *

Your answer

How many images have you submitted this last year? Since you joined? *

Your answer

How much do you plan to contribute over the next year? *

- ☐ As many as observation as the weather gods allow.
- ☐ More than half
- ☐ Less than half
- ☐ Only for very interesting events
- ☐ Other: _____

We're always looking for ways to help our members feel more empowered to contribute. Are there any skills you're interested in building, or anything KNC could do to better support your involvement? *

Your answer

Other Comments? Questions? Compliments? Concerns? *

Your answer

12 have responded!
Thank you!



Image Analysis Support

Are you interested in being part of a pilot?

We're seeking a few active members to help test the workflow, provide feedback, and shape future contributor training.

What is STDweb?

STDweb is a web-based interface for STDpipe, an automated pipeline developed by Sergey Karpov for calibrating and analyzing astronomical images. It performs tasks such as astrometric alignment, image subtraction, and photometry—allowing users to extract light curves from transient sources like GRBs, kilonovae, and other fast-evolving events.

Updates to the KNC Website

How do you feel the website can support new members?

- **Improve Public Accessibility and Transparency**
 - Move basic project details (requirements, telescope needs, how it works) outside the registration wall.
 - Add a concise summary of the project's goals and scientific motivation on the homepage.
- **Simplify Language**
 - Rewrite homepage and FAQ content to avoid jargon.
- **Fix Technical Barriers**
 - Has anyone encountered registrations issues?
- **Improve Onboarding Flow**
 - Create a clear "Start Here" guide for new members.
 - Add a section: Top 3 Intro Resources (e.g. short videos, beginner articles).
- **Make FAQ More Discoverable**
 - Link to the FAQ from the homepage.
 - Restructure FAQ to prioritize beginner-friendly content.
- **Clarify Project Identity**
 - Add a 1–2 sentence mission statement on all main pages



Organization for New & Current Members

How would you feel that slack can serve new members?

- Do you feel confident navigating the different Slack channels in the KNC workspace?
- Are there any channels you find confusing, overwhelming, or underused?
- Is there a specific type of information or update you wish was easier to find on Slack?

We can discuss here. If you think of anything else, please feel free to leave any comments in the **TOPIC REQUEST!** Form.

Forge! Usefulness & Accessibility

- Do you all use it?
- Would you rather it be on the KNC cookbook for easy access?

We can discuss here. If you think of anything else, please feel free to leave any comments in the **TOPIC REQUEST! Form.**

h1. Kilonova Catcher Wiki

Kilonova Catcher is a citizen science project dedicated to the follow up of the optical counterparts to gravitational waves.

Useful links:

- KNC Website: <http://kilonovacatcher.in2p3.fr/>
- Photo Challenge Form: <https://forms.gle/FIVPyXz95i3udZ48A>
- Topic Request Form: <https://forms.gle/QGg8epSHTxBJqn489>
- Monthly Meeting Recordings: https://youtube.com/playlist?list=PLPCZ3TZtbrtVTQ9ydZZi59Bqz8X7h4kAn&si=eoNyqyhw_y12Sq00
- Webinar Recordings: https://youtube.com/playlist?list=PLPCZ3TZtbrtX7i3sNCq9y9dHSKyCy7hJ9&si=4yE6a2H1_ObUWanG
- KNC Slack Invite: https://join.slack.com/t/kilonovacatcher/shared_invite/zt-2yg7tngn5--wE0zQWL-Bd25M99h9j5LBg

h2. Monthly Meeting & Minutes

2024/2025 Monthly Meeting

h2. Webinars

2024/2025 Webinars

h2. Documents

Kilonova Catcher Resource Guide

h2. Papers

2024 Papers

2025 Papers

h3. Old link

Link to KNC platform selection: <https://forge.in2p3.fr/projects/grandma/wiki/Amateur>

Link to link paper



KNC Social Media Presence

What would you like to see besides your images?

- Facebook Group?
- “Kilonova Science Explained” Series
- Behind-the-Scenes of GRANDMA
- Member Spotlights
- Observation Highlights
- “How To” Tutorials and Tips
- Monthly Recap Posts?

We can discuss here. If you think of anything else, please feel free to leave any comments in the **TOPIC REQUEST!** Form.

Building a KNC Member Experience Video

Short videos to use for social media!

Member Spotlights


- Short features on KNC members (location, telescope setup, why they joined).
- Ask: “Would you enjoy seeing profiles or interviews of fellow KNC members?”

Forms: Topic Requests!

This form will help the KNC Core Team:

- pick our guest speakers
- organize Q&A sessions
- Webinars
- Write and collect resources and videos
- Photo challenge topics

Please do not be afraid to submit! Over and over!



Topic Requests!

B *I* U [G](#) [X](#)

Is there a topic, specific or general, you would like to see presented on or discussed? Any topics for Q&A session? Breakout session? Topics for Photo Challenges?

1 Topic per Submission. Feel free to submit several times.

Email *

Valid email

This form is collecting emails. [Change settings](#)

Name

Short answer text

What topic would you like to see discussed or presented?


Long answer text

Forms: Photo Submission!

Submit in the same spot!



Photo of the Week! Please submit any and all images you want to share!

What is the date your are submitting? *

Month, day, year 

Upload Image(s) here. If you have several images of the same target that you would like to submit, please include them.

No more than 5, please.

 Add file  View folder

Description of the image!

Some Ideas:
What was the night like when you were observing?
What were the settings used to capture this image?
What made you decide to observe this object?
What was the date & time this object was observed?
Etc....

Long answer text

Do you consent to this photo being posted to Kilonova Catcher social media and/or website?

We will give credit using your name.

☐ Yes

☐ No



Social Media

How to Join & Contribute

Instagram: @kilonovacatcher

Threads: @kilonovacatcher

Twitter: @KilonovaCatcher

Facebook Page: ???

*Please follow
and support!*

Announcements & Updates

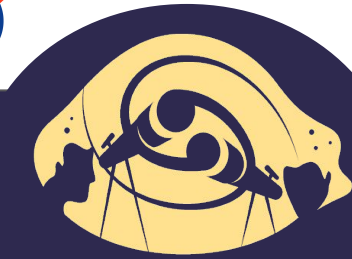
- **Webinar: 06/10**
 - 06/10/2025 Damien Turpin, PI KNC on GRB250327B



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Thank you! Open Discussion?