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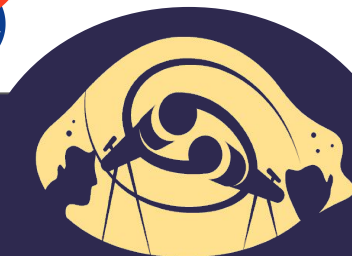
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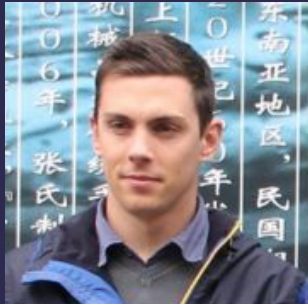
KILONOVA CATCHER

# Telecon: Tuesday, April 22nd

## Presented by The Kilonova Catcher Core Team

# Welcome & Introductions

**PI: Damien Turpin**



**Astrophysicist**

**at CEA-Saclay Paris**

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**GRANDMA PI: Sarah Antier**



**Astronomer**

**at OCA-Nice and**

**IJCLab-Paris**

**sarah.antier@oca.eu**

**Operations: Cristina Andrade**



**Astrophysicist -**

**Research Professional**

**University of Minnesota**

**- USA**

**andra104@umn.edu**



# Agenda



1. Review progress on the KNC Manual – great work so far!
2. Updates to alert system!
3. Share any advice or suggestions for updates to the KNC website.
  - a. We're now officially a NASA partner! A few next steps to go over.
  - b. KNC is being onboarded to the NASA website – how exciting!
  - c. NASA is planning to write a highlight article about KNC. We want your input — what should it include? Let's brainstorm!
4. April/May break is ongoing – is there anything you'd like to achieve during this time? Any changes or additions you'd like to propose?
5. Would anyone be interested in a shared public calendar for KNC? This could include talks, Zoom invites, and community events.
6. Exploring possible synergy with Exoplanet Watch.
7. Photo Submission Form! – don't forget to submit your entries!
8. Quick reminder about Topic Request! forms.
9. Info on the next webinar.
10. Comments, questions, and open discussion.



# KNC Manual

- I have received all of your additions and comments!
  - **Thank you:**
    - Elisabeth Maris
    - Roger Menard
    - M. Freeberg
    - M. Serrau

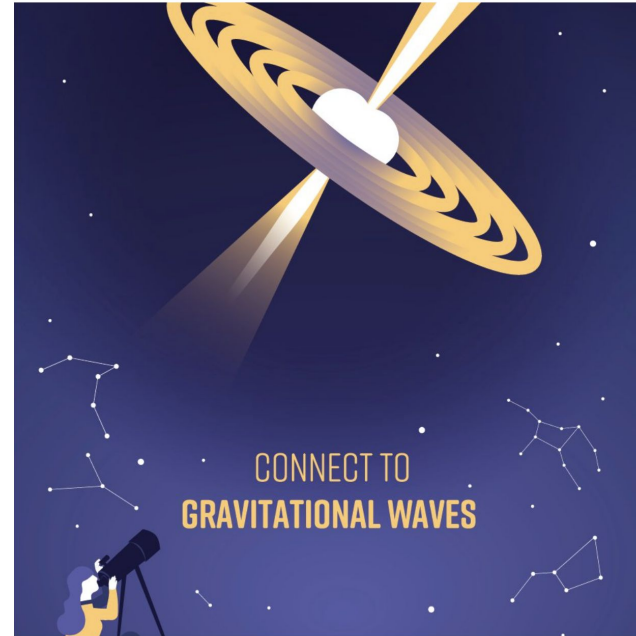
If you would like to edit or contribute to the current manual, please do so by May 1st. I will be making final edits after that.

Additions and videos are always welcome.

A working document can be found here:

[https://docs.google.com/document/d/1CtuXzP9n\\_YFf6J44ptatBtRe0PaM2\\_xRwKaTIZMfLZ0/edit?usp=sharing](https://docs.google.com/document/d/1CtuXzP9n_YFf6J44ptatBtRe0PaM2_xRwKaTIZMfLZ0/edit?usp=sharing)

## Kilonova Catcher Manual



This manual is written through the support and wealth of experience of:  
Cristina Andrade, March Serrau, Michael Freeberg,

# New Alert System Update


The automatic alert system is working very well for the last SVOM alert.

The GRB alert system is running smoothly!

This will allow a streamlined communication between scientists and amateur astronomers!


We will be getting alerts simultaneously!

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

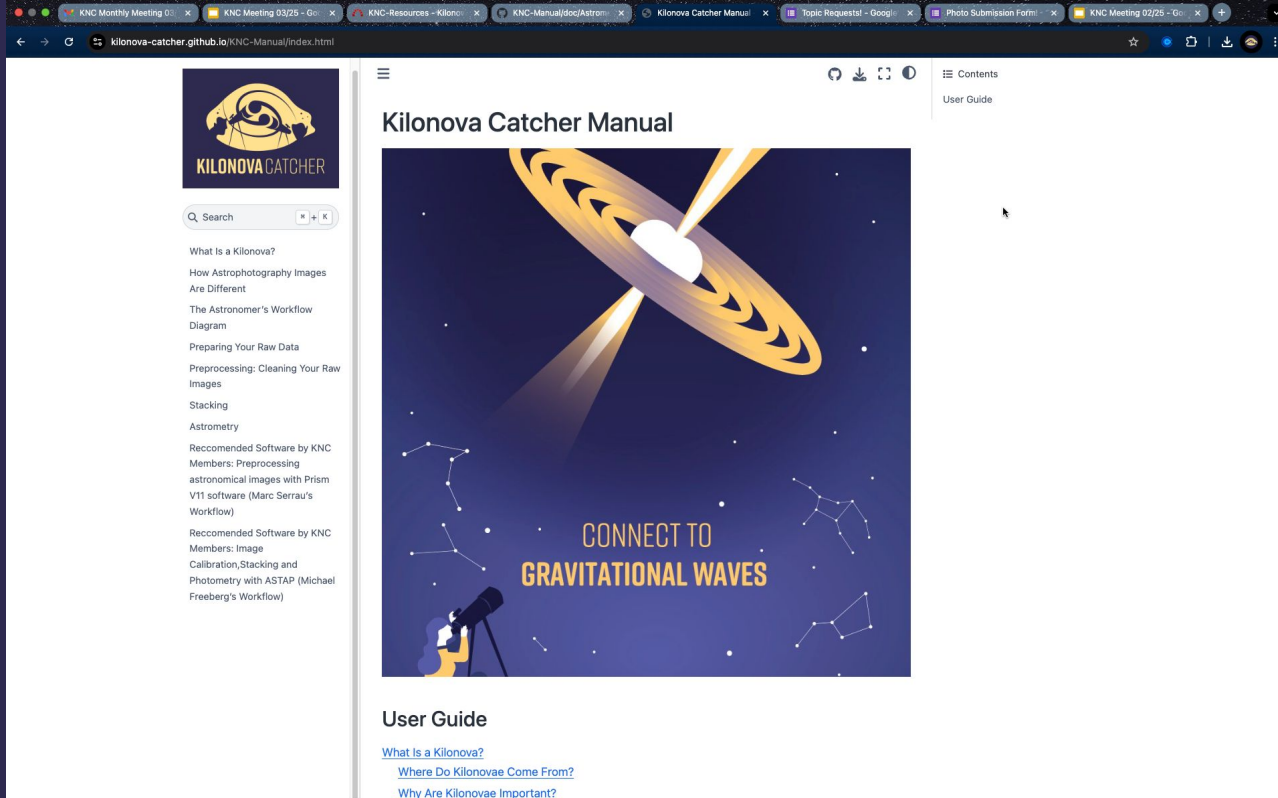
Friday, April 18th

 **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>

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



The screenshot shows a web browser with multiple tabs open, including "KNC Monthly Meeting 03/25", "KNC Meeting 03/25 - Go...", "KNC-Resources - Kilon...", "KNC-Manual/doc/Astr...", "Kilonova Catcher Manual", "Topic Requestal - Go...", "Photo Submission Form", and "KNC Meeting 02/25 - Go...". The address bar shows the URL "kilonova-catcher.github.io/KNC-Manual/index.html".

The website layout includes a header with the Kilonova Catcher logo and a search bar. The main content area features a large illustration of a gravitational well with the text "CONNECT TO GRAVITATIONAL WAVES". The left sidebar contains a list of topics: "What Is a Kilonova?", "How Astrophotography Images Are Different", "The Astronomer's Workflow Diagram", "Preparing Your Raw Data", "Preprocessing: Cleaning Your Raw Images", "Stacking", "Astrometry", "Recommended Software by KNC Members: Preprocessing astronomical images with Prism V11 software (Marc Serrau's Workflow)", and "Recommended Software by KNC Members: Image Calibration, Stacking and Photometry with ASTAP (Michael Freeberg's Workflow)".

The right sidebar contains a "Contents" menu with a link to "User Guide".

The main content area is titled "Kilonova Catcher Manual" and includes a "User Guide" section with links to "What is a Kilonova?", "Where Do Kilonovae Come From?", and "Why Are Kilonovae Important?".

# Feedback on KNC Website?

The KNC team would like feedback on the KNC website.

- Does it communicate our science well?
- Does it function well during observations?
- Is it easy to navigate?
- Any recommendations?

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

# Officially a NASA Partner

## What does this mean?

- We get to include NASA's partner logo on our website.
- KNC will be getting its own page on NASA Citizen Science website.
- We will have a article released about us.
- NASA is planning to write a highlight article about KNC. We want your input — what should it include? Let's brainstorm!
- We would like you all to submit a quote for us to select to be included in the article!



Title of Highlight. Come up with a concise, catchy headline. Note: the NASA Citizen Science communications team may edit if needed. \*

Your answer

Text for Highlight. In one-two paragraphs, tell your readers the highlight/news. Please avoid jargons and spell out acronyms. We recommend you write your content at high school level. \*

Your answer

Closing statement. Describe your citizen science project in a sentence or two, and explain how to get involved. \*

Your answer

Please upload an image to go with your highlight. If you can't upload it, email it to [hq-citizensciencecomms@mail.nasa.gov](mailto:hq-citizensciencecomms@mail.nasa.gov). Don't forget that a parental release form may be required if minors appear in the image. Link to form: [https://www.nasa.gov/sites/default/files/files/NASA\\_Media\\_Release\\_Parent\\_and\\_Minor.pdf](https://www.nasa.gov/sites/default/files/files/NASA_Media_Release_Parent_and_Minor.pdf)

Upload 1 supported file. Max 10 MB.

 Add file





# 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!**

## TOPICS SUBMITTED:

- BNS inspiral effect on observation
- GRB afterglow evolution
- Evolution of a GW
- Type 1a SNe



### Topic Requests!

**B** *I* U  

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



# Photo of the Meeting – Roger Menard

Messier 81, the Bode Galaxy. almost in our backyard... What really turns my wheels is seeing far-away galaxies through the spiral arms of M81.  
The vastness of our universe is amazing.



*Images will be posted on  
social media!*

# Social Media

## How to Join & Contribute

**Instagram:** @kilonovacatcher

**Threads:** @kilonovacatcher

**Twitter:** @KilonovaCatcher

**BlueSky:** Coming Soon!

**Other:** ???

*Please follow  
and support!*

# Announcements & Updates

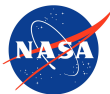
- **Webinar: 05/13**
  - 05/13/2025 Rob Zelle & Exoplanet Watch
- **Reconnecting with AAVSO**
- **April/May break is ongoing** – is there anything you'd like us to achieve during this time?  
Any changes or additions you'd like to propose?
- **Would anyone be interested in a shared public calendar for KNC?** This could include talks, Zoom invites, and community events.
-



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Thank you!