



# ZTF Publication Board Update

**Mario Juric, for the Publication Board**

... or how I learned to stop worrying  
and love the Board



# Publication Board Members

1. Eran Ofek (WIS)
2. Mansi Kasliwal (Caltech)
3. Jesper Sollerman (OKC)
4. Marek Kowalski (Berlin)
5. David Kaplan (UWM)
6. Mario Juric (UW, Chair)
7. Dave Thompson (UMd/GSFC)
8. Chow-Chong Ngeow (Taiwan)
9. Peter Nugent (LBL)
10. Stephanie Wachter (IPAC)
11. Matthew Graham (Project Scientist; acting in an ex-officio capacity)

*Formed on May 7<sup>th</sup>, 2018.*



# The ZTF Publication Policy

- *“The ZTF Publication Policy is aimed to promote the scientific and technical accuracy and timeliness of ZTF publications and to ensure that fair credit is given to the authors and to other individuals who have contributed to ZTF. ”*

**ZTF Publication Policy Document: <https://zwicky.tf/noj>**

*Many thanks to Ariel Goobar et al. for creating this policy!*

# Role of the Publication Board

- **The Publication Board helps the Partnership follow the Publication Policy**
- **More specifically, the Board:**
  - Reviews for overall quality, and makes final editorial comments, for all publications subject to the publication policy. It is assumed that the SWGs will already vet the science.
  - Ensures the relevant Builders have been invited and added to the papers
  - Ensures the papers include proper references and acknowledgements
  - Sets up editorial review committees for non-Working Group science papers, and for data release publications
  - Maintains the Publication Archive



# The ZTF Publication Policy: What

## Subject to the policy:

- Scientific journal papers
- Technical publication
- Data release and overview publications
- Conference proceedings

*Note: there are some special considerations for theses, press releases, and funding proposals. See the Pub. Policy for details.*

Other publications (e.g., abstracts) are not subject to the policy, but should follow guidelines:

- Give credit to contributors (including builders)
- Advance approval if reporting on projects you're not leading
- Be (scientifically) prudent



# Authorship Policies

- Authorship of ZTF science publications and data release publications shall include two tiers:
  - Partnership members and external collaborators who contributed data, analysis, interpretation or writing of the paper (first tier, ordered at the discretion of the lead author(s))
  - ZTF Builders who have requested co-authorship and acknowledged reading and agreeing with the conclusion of the manuscript.
- Authorship of other classes of publications (e.g., technical publications) will generally be confined to those who contributed to the analysis, writing, or construction.



# Builders

- *“Those members of the collaboration who put in significant effort in building the project infrastructure, including, but not limited to, hardware and software assets, as well as those spending significant effort on project governance and operations, will earn the status of project Builders.”*
- An initial list of project builders will be prepared by the PI and presented to ZCB for approval.
- Yearly updates of this list will be prepared by the PI and approved by the board in May of each year. The Project Scientist will maintain the current list of approved builders and post it on the ZTF twiki, along with the relevant contact details.





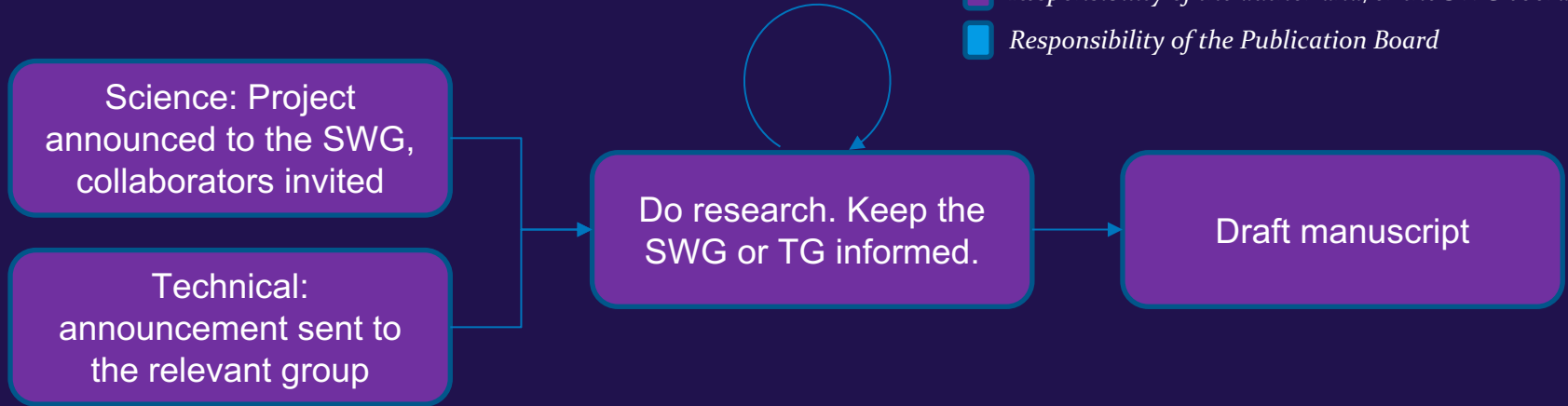
# Publication Process

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# Publication Process: Research Phase

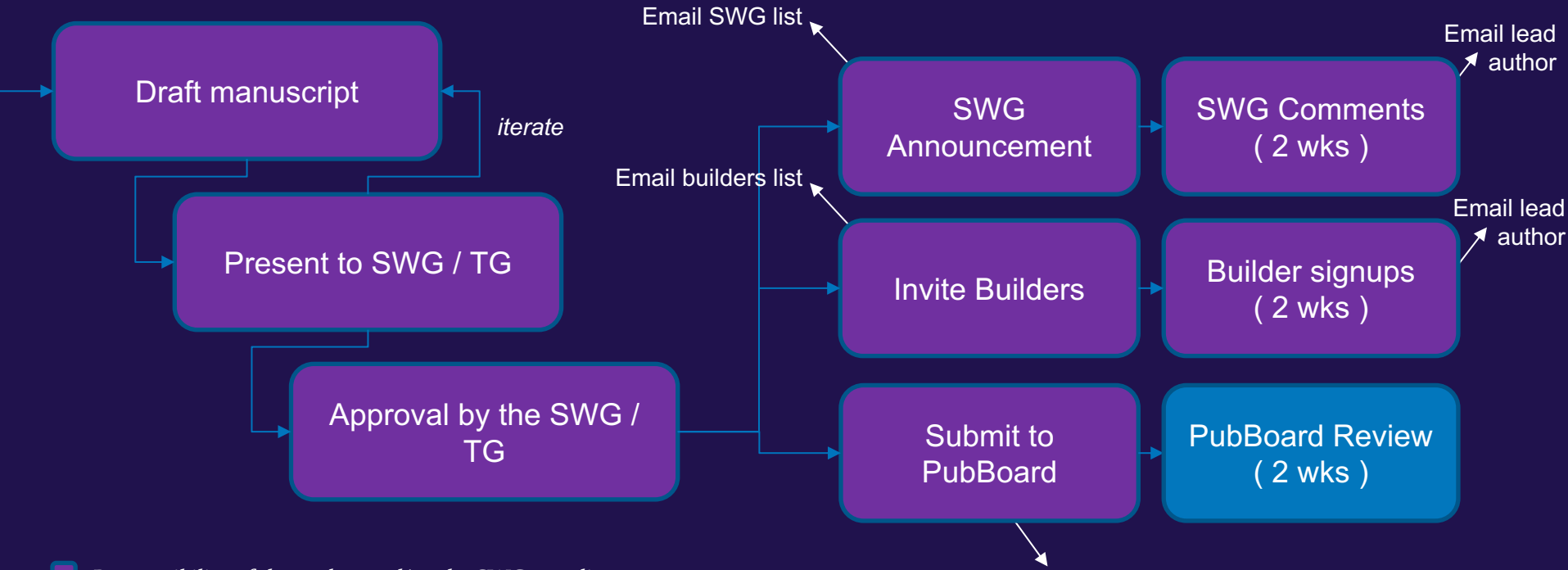
-  Responsibility of the author and/or the SWG coordinator
-  Responsibility of the Publication Board



*“This policy encourages announcing science projects in the earliest stages of the analysis, since this allows for enhanced collaboration within the ZTF. ZTF members are encouraged to collaborate and communicate with other interested members on analysis projects, and the participation of those wishing to join an analysis project should be welcomed.”*

# Publication Process: SWG Review

Note: technical papers at this stage are coordinated by the Project Manager



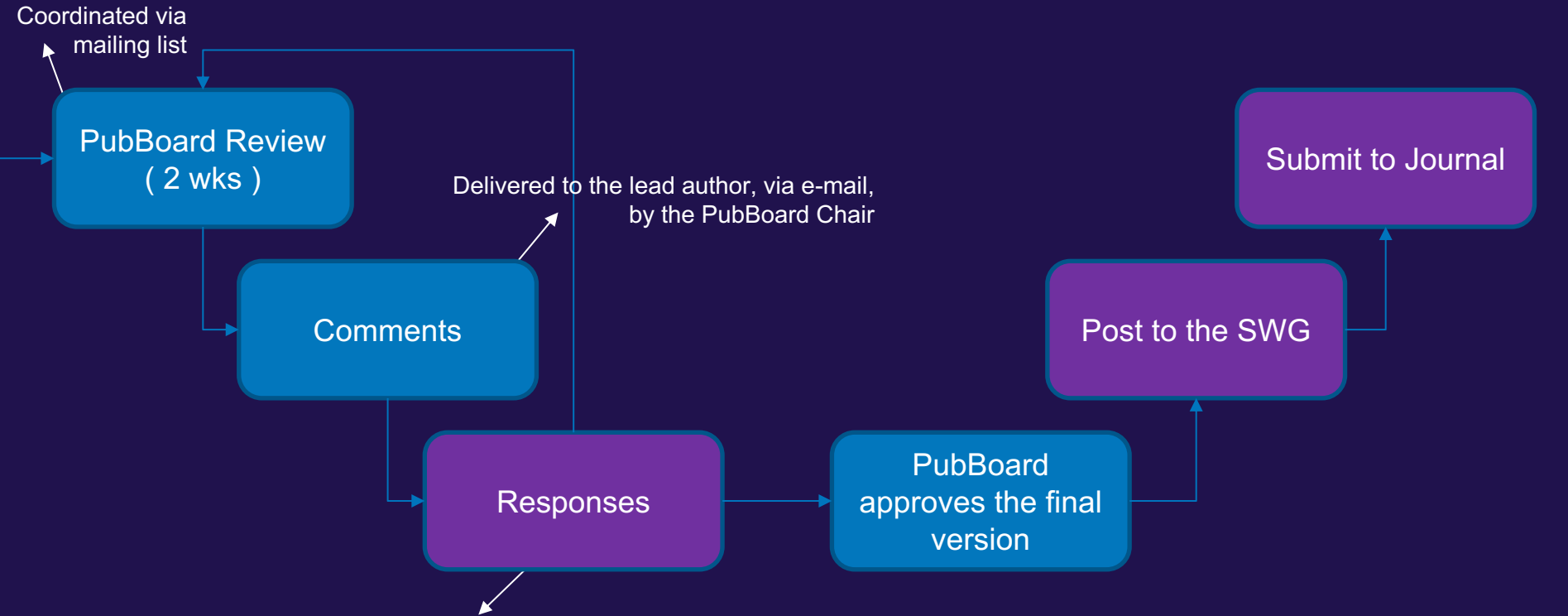
 Responsibility of the author and/or the SWG coordinator

 Responsibility of the Publication Board



Add entry to [http://noir.caltech.edu/twiki\\_ptf/bin/view/ZTF/ZtfPapers](http://noir.caltech.edu/twiki_ptf/bin/view/ZTF/ZtfPapers)

E-mail [ztf-pubboard@lists.astro.caltech.edu](mailto:ztf-pubboard@lists.astro.caltech.edu)

# Publication Process: Pub Board Review



Upload updates to [http://noir.caltech.edu/twiki\\_ptf/bin/view/ZTF/ZtfPapers](http://noir.caltech.edu/twiki_ptf/bin/view/ZTF/ZtfPapers)  
and e-mail [ztf-pubboard@lists.astro.caltech.edu](mailto:ztf-pubboard@lists.astro.caltech.edu)

-  Responsibility of the author and/or the SWG coordinator
-  Responsibility of the Publication Board

# Timescales

- Research phase duration is variable
- The SWG review phase is up to the SWG and the authors
- The PubBoard phase is ~2 weeks, assuming no major comments

***A well written paper, within an agile SWG, can go from draft to submitted in ~2-3 weeks.***

*Note: there are special considerations for time sensitive data.*



# Publication Board Work So Far

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## Reviewing the Infrastructure Papers

- We've been working on reviewing the batch of instrument papers:  
[http://noir.caltech.edu/twiki\\_ptf/bin/view/ZTF/ZtfPapers](http://noir.caltech.edu/twiki_ptf/bin/view/ZTF/ZtfPapers)
- Five papers have been submitted
  - Masci et al. reviewed and approved for submission
  - Comments returned to authors for three others
  - One awaiting PubBoard review
- The review times have sometimes been slower than desired (2-4+ weeks). We (and esp. the Chair!) can do better.



## Reminder: All co-authors must see the manuscript

- A few papers were submitted to the PubBoard before they were circulated to all the co-authors.
- Please make sure to circulate the manuscript amongst all co-authors before submitting to the Publication Board.



## Looking Ahead: Need to Get Better at Announcing Projects

- The SWGs are supposed to maintain a list of projects and publication in preparation.

*“The Science Working Group (SWG) coordinators will maintain lists of scientific publications in preparation on the ZTF twiki, to be vetted by the Publication Board, for organizing their execution.”*

*“Early and timely announcement of projects is vital to the health of the collaboration and to maintaining a collegial environment.” (emphasis in the document)*

- Few collaborations have this well organized, and as science is ramping up we should start paying more attention to it.





## Looking Ahead: We're Missing a Builders List

- The first science results are close to being sent to the publication board. We need to be ready with the Builders list to support it.

*“An initial list of project builders will be prepared by the PI and presented to ZCB for approval. Yearly updates of this list will be prepared by the PI and approved by the board in May of each year. The Project Scientist will maintain the current list of approved builders and post it on the ZTF twiki, along with the relevant contact details.”*

- Also: Communication coordinators need to be added to the builder list.

# Looking Ahead: A more streamlined submission process



- I'd like to improve the submission and review management process. Uploading via editing the wiki, and e-mailing review comments around is too onerous.
- Testing a GitHub Issue based workflow that would simplify and keep in one place all communication about any given publication. Discussion topic for Thursday?

A screenshot of a GitHub issue page. The issue title is "Project: Asteroids as sources of high-energy neutrinos #1" and it is marked as "Closed". The issue was opened by user "mjuric" 4 hours ago and has 9 comments. The first comment, also by "mjuric", describes the project's goal: to examine if asteroids are viable sources of high-energy neutrinos by correlating IceCube alerts with known and newly discovered asteroids. It lists the lead author as "P. Oor Student" and the thesis advisor as "B. A. Dadvisor". The second comment, also by "mjuric", adds "SSWG" and "Thesis" labels and provides a "6-month update: We haven't detected a single asteroid as a source." The third comment, also by "mjuric", states that they believe they have a result and have uploaded a paper draft (attached as "flatrth1.pdf"). It mentions that the Solar System Working Group has discussed and approved the manuscript for submission to the PubBoard. It also invites "@dirac-institute/ztf-builders" to request co-authorships and "@dirac-institute/ztf-pubboard" to review the manuscript. The right sidebar shows the issue's metadata: Assignees (mjuric), Labels (PubBoard Reviewed, Published, SSWG, Thesis), Projects (None yet), Milestone (No milestone), and Notifications (Unsubscribe button, with a note that the user is receiving notifications because they modified the open/close state). There is 1 participant shown.



# Summary

- The Publication Policy is in place; learn more at <https://zwicky.tf/noj>
- Publication Board is operational, reviewing infrastructure papers
  
- Looking ahead:
  - We need an initial Builders List, ASAP
  - **We need to get better (and more uniform) at announcing/tracking projects**
  - Looking into streamlining the PubBoard submission/review/iteration process



# Discussion

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*@mjuric on ZTF Slack*