



National Aeronautics and  
Space Administration

# ExoPAG 29

243<sup>rd</sup> AAS Meeting, New Orleans, LA  
January 6-7, 2024

Hannah Jang-Condell

ExEP Program Scientist, ExoPAG Executive Secretary



# ExoPAG Code of Conduct

Attendees of ExoPAG Meeting are expected to abide by the following Code of Conduct.

The organizers are committed to making this meeting productive and enjoyable for everyone, regardless of gender, sexual orientation, disability, physical appearance, body size, race, nationality or religion. We will not tolerate harassment or bullying of participants in any form. Please follow these guidelines:


- Behave professionally. Harassment, bullying, and sexist, racist, or exclusionary comments or jokes are not appropriate. Harassment includes sustained disruption of talks or other events, inappropriate physical contact, sexual attention or innuendo, deliberate intimidation, stalking, and photography or recording of an individual without consent. It also includes offensive comments related to gender, sexual orientation, disability, physical appearance, body size, race or religion.
- All communication should be appropriate for a professional audience including people of many different backgrounds. Sexual language and imagery is not appropriate.
- Be kind to others. Do not insult or put down other attendees. Critique ideas, not people.
- If participants wish to share photos or contents of talks/slides of any attendee or speaker on social media, we ask that they first get permission.

Participants asked to stop any inappropriate behavior are expected to comply immediately.

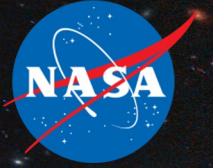
Attendees violating these rules will be asked to leave the event at the sole discretion of the organizers.

Any participant who wishes to report a violation of this policy is asked to speak, in confidence, to Hannah Jang-Condell ([hannah.jang-condell@nasa.gov](mailto:hannah.jang-condell@nasa.gov)) or Ilaria Pascucci ([pascucci@arizona.edu](mailto:pascucci@arizona.edu))

This code of conduct is based on the "London Code of Conduct", as originally designed for the conference "Accurate Astrophysics. Correct Cosmology", held in London in July 2015. The London Code of Conduct was adapted with permission by Andrew Pontzen and Hiranya Peiris from a document by Software Carpentry, which itself derives from original Creative Commons documents by PyCon and Geek Feminism. It is released under a CC-Zero license for reuse. To help track people's improvements and best practice, please retain this acknowledgement, and log your re-use or modification of this policy.

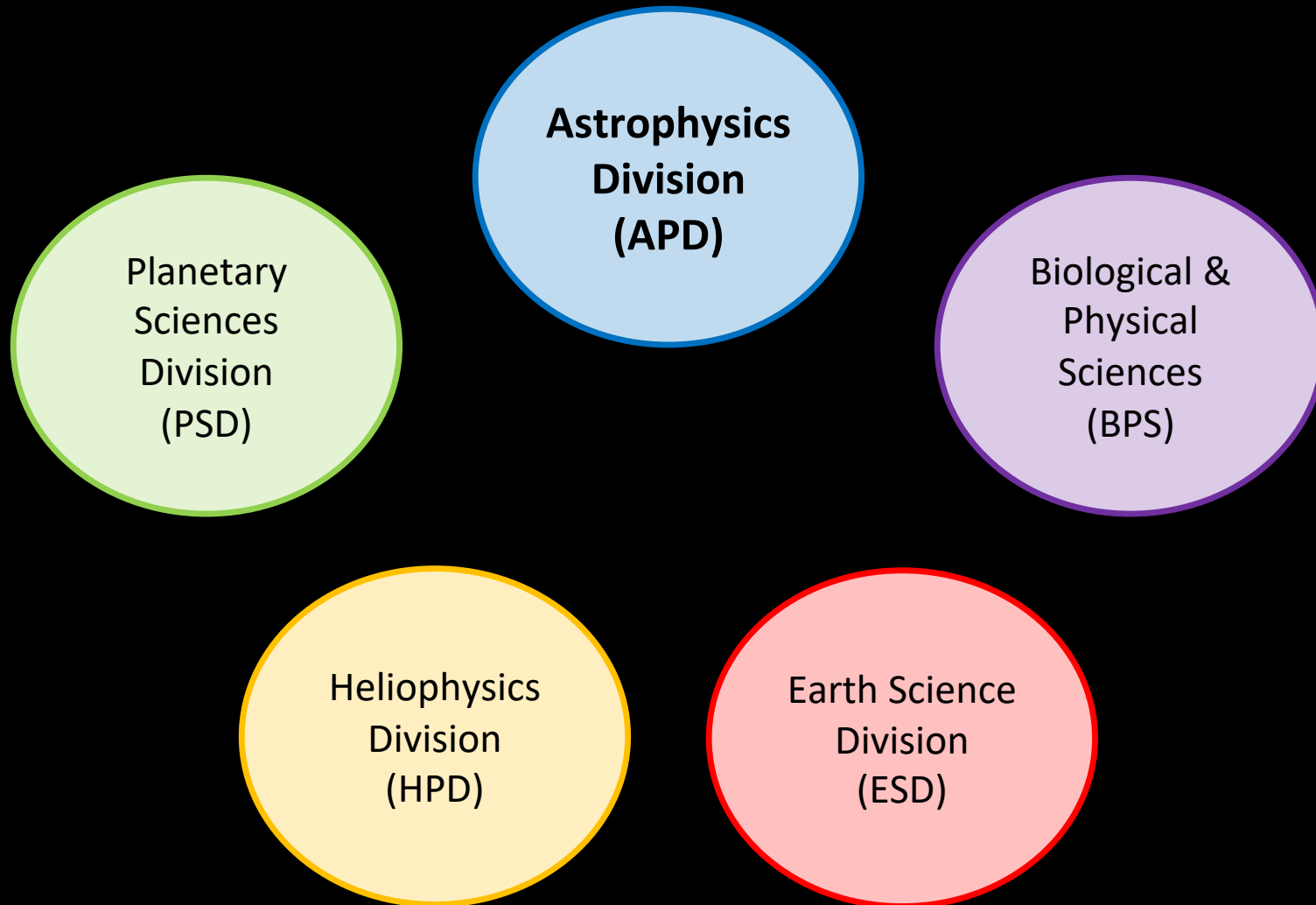


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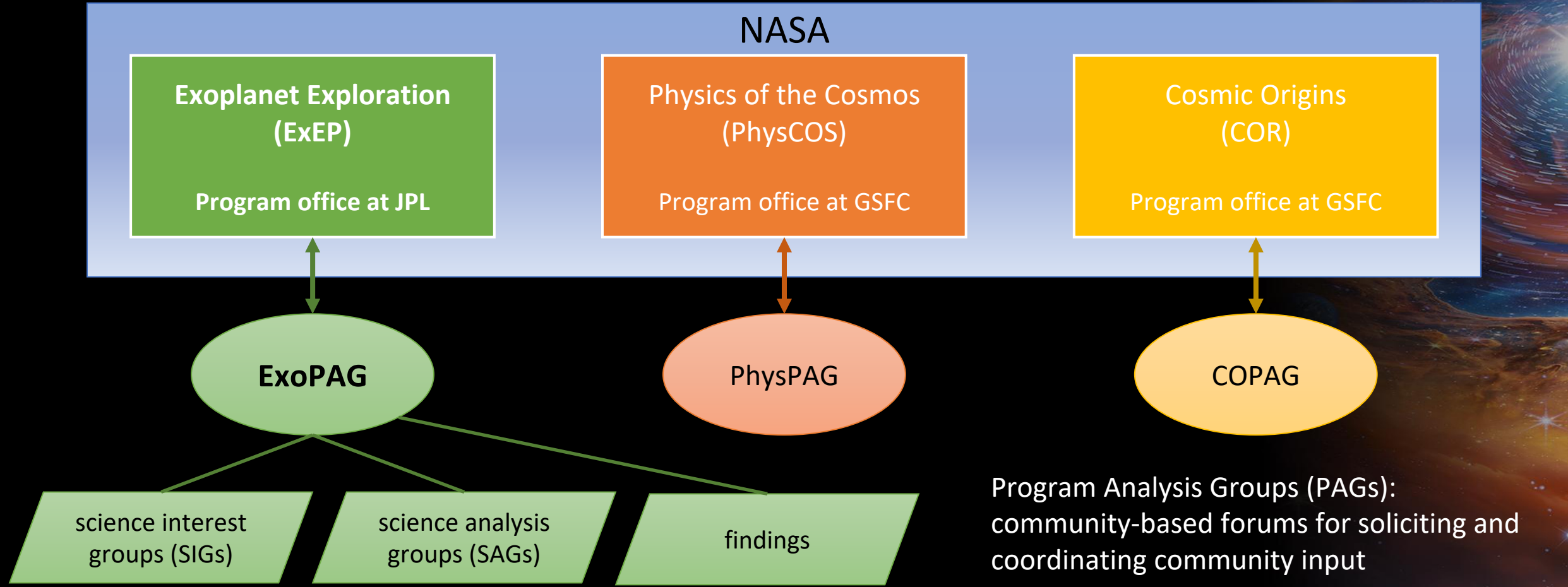


# Overview of NASA and the ExoPAG

# NASA Science Mission Directorate (SMD)



# NASA APD Focused Programs



More about the ExoPAG:  
<https://exoplanets.nasa.gov/exep/exopag/overview>

# The ExoPAG Executive Committee

Name	Home Institution
<b>Ilaria Pascucci (Chair)</b>	University of Arizona
Michael Bottom*	University of Hawaii
Ofer Cohen*	U Massachusetts Lowell
Knicole Colón*	NASA GSFC
Ian Crossfield	University of Kansas
Diana Dragomir	Univ. of New Mexico
Kate Follette	Amherst College
Natalie Hinkel	Southwest Research Inst.
Samuel Johnson	JPL
Erin May	JHU Applied Physics Lab
Bertrand Mennesson	JPL
Malena Rice	Yale University
Lily Zhao	Flatiron Institute

\*indicates EC member rolling off in 2024

## Programmatic Support:

Hannah Jang-Condell, NASA HQ

– Executive Secretary, NASA POC

TBD, NASA HQ

– Planetary Science Division

## Liaison

Richard Eckman, NASA HQ

– Earth Science Division Liaison

Galen Fowler, NASA HQ

– Heliophysics Division Liaison

Exoplanet Exploration Program Office

– JPL - Logistics

# Join the ExoPAG Executive Committee (EC)!

- NASA anticipates making several new appointments to the ExoPAG EC, replacing current members of the committee who have reached the end of their appointments. New appointments will start in the Spring of 2024 and will be for a period of three years. Self-nominations are encouraged.
- See the recruitment letter for more details:  
[https://exoplanets.nasa.gov/internal\\_resources/2880/2024-ExoPAG\\_EC\\_recruitment.pdf](https://exoplanets.nasa.gov/internal_resources/2880/2024-ExoPAG_EC_recruitment.pdf)
- The deadline for nominations is **January 31, 2024**
- Questions? Contact Hannah Jang-Condell ([hannah.jang-condell@nasa.gov](mailto:hannah.jang-condell@nasa.gov))




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# NASA HQ Updates



# ExEP HQ Personnel Updates

Role	Program Scientist	Deputy Program Scientist	Program Executive
<b>Outgoing</b>	Doug Hudgins	Hannah Jang-Condell Josh Pepper	Lucien Cox
<b>Incoming</b>	Hannah Jang-Condell	John Wisniewski	Lucas Paganini
			



# Great Observatories Maturation Program (GOMAP) HQ Team



**Megan Ansdell**  
Program Scientist



**Joshua Pepper**  
Deputy Program Scientist



**Julie Crooke**  
Program Executive

# Opportunities with HWO/GOMAP

- **HWO Working Groups**

- The START and TAG have established an initial set of Working Groups (WGs) to explore the HWO mission concept, including general astrophysics science goals, as recommended by Astro2020.
- Community members are invited to participate in the WGs; more information will be provided at the AAS HWO Splinter Session,\* NASA booth at AAS, and on the GOMAP/HWO website.
- WGs will conduct work over at least the next year; WG topics and membership will evolve, as needed.

- **Mentoring:** GOMAP leadership with the START & TAG are exploring different pilot models:

- Leveraging the **SMD Bridge Program** to engage Under-Resourced Institutions (URIs)
- Established a DEIA and Mentorship Working Group

- **ROSES calls:** Pre-cursor science (ADS-PS, EPRV) + technology (SAT, APRA, HWO Systems Tech)

*\*HWO Splinter Session – Wed, Jan 10: 12:45 – 3:30pm in R08 / R09*

# APD is hiring Visiting Program Scientists

- <https://jobregister.aas.org/ad/42a5efd2>
- NASA seeks one or more visiting Ph.D.-level scientists to serve as visiting Program Scientists in the Astrophysics Division at NASA Headquarters in Washington, DC.
- These visiting appointments, which last two years with renewals up to six years, offer a tremendous opportunity to gain insight into Federal astrophysics policy and programs, to better understand the proposal review process, and to run scientific programs with multimillion-dollar budgets.
- Positions are available to start as early as Spring 2024, though the start date is negotiable within the calendar year. The position requires onsite work at least periodically at NASA's Headquarters in Washington, DC.
- Applications will be accepted through **February 9, 2024**, and will be reviewed as they are received. For more information about the position, please contact Dr. Valerie Connaughton at [Valerie.connaughton@nasa.gov](mailto:Valerie.connaughton@nasa.gov).

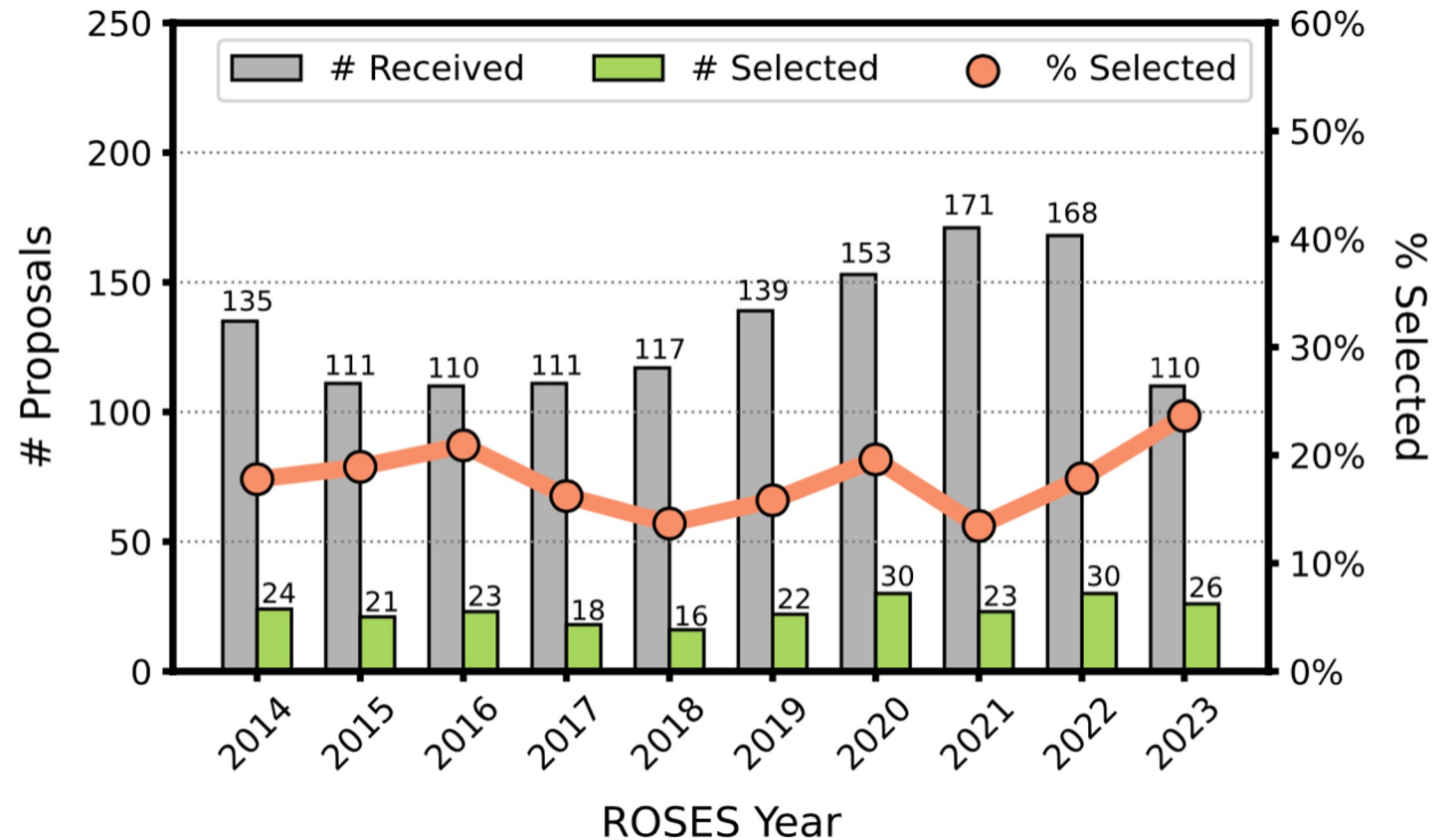
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# Research Updates

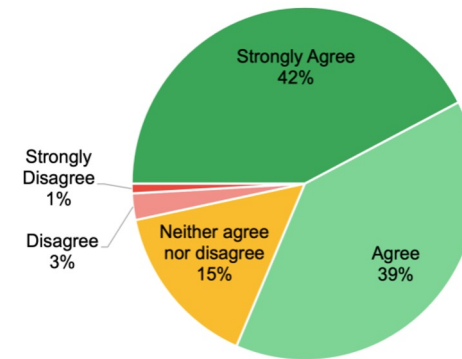
# Exoplanets Research Program (XRP) Updates

- Since ROSES-20, exoplanet research has been **consolidated into XRP**. Exoplanet technology development remains in APRA.
- XRP **submission rates** in ROSES-23 down significantly from previous years (R&A programs across SMD have seen decreases since ROSES-22).
- XRP **selection rates** have continued to improve since ROSES-21.

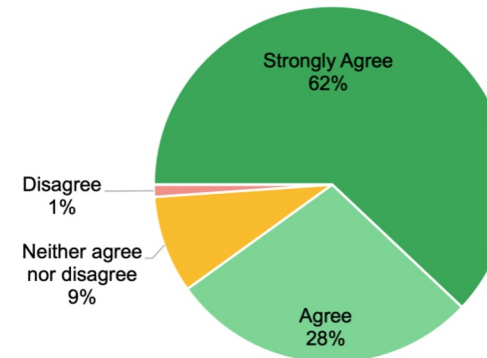


# XRP & Dual Anonymous Peer Review (DAPR)

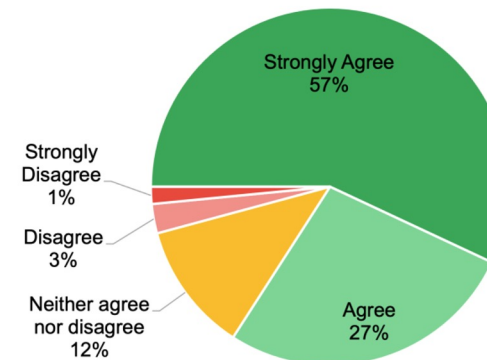
- XRP-23 was the program's **3<sup>rd</sup> year** under the Dual-Anonymous Peer Review (DAPR) process.
- Proposals with **egregious DAPR violations** (e.g., team member info in anonymized PDF, usage of author-date citations) will be returned without review.
- Most **common violations** are gender pronouns in anonymized PDF (esp. Budget Narrative, Work Effort, OSDMP) and improperly/incompletely redacted budgets (e.g., blacked-out but not redacted).
- Reach out to XRP Program Officers well ahead of proposal deadline with DAPR questions! General DAPR questions may be directed to **DAPR Director Douglas Hudgins**  
[douglas.m.hudgins@nasa.gov](mailto:douglas.m.hudgins@nasa.gov)



*DAPR improved overall quality of peer review: 81% (strongly) agree*



*DAPR led to panel discussions focusing on science rather than on team members: 90% (strongly) agree*



*DAPR should be implemented in the future for the given program: 84% (strongly) agree*

# TESS Updates

- TESS Cycle 7 Phase-1 Deadline is **March 21, 2024**
  - <https://nspires.nasaprs.com/external/solicitations/summary.do?solId=%7b574AD906-1C28-5997-FEBF-2D3B9195A548%7d&path=&method=init>
- TESS Users Committee (TUC) Requests Community Input:
  - [https://docs.google.com/forms/d/e/1FAIpQLSdCBIIs7J7F7kRX83NFBL-tG00A\\_D2wKAN1ra8oC9hIBV2Mdw/viewform](https://docs.google.com/forms/d/e/1FAIpQLSdCBIIs7J7F7kRX83NFBL-tG00A_D2wKAN1ra8oC9hIBV2Mdw/viewform)
  - Response deadline is **January 19, 2024**



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# Get Involved

# NASA Events at AAS

Saturday, January 6

- 9am-5pm ExoPAG 29 Day 1, Quarterdeck Ballroom
- 7-9pm PhysCOS & COR Astronomy on Tap, Howlin' Wolf

Sunday, January 7

- 9am-12:30pm ExoPAG 29 Day 2, Quaterdeck Ballroom
- 9am-1pm PhysPAG, 243
- 9am-1pm COPAG, 244/245
- 3-5pm Joint PAG, 244,245

Monday, January 8

- 12:45-1:45pm NASA Town Hall, Great Hall A

Monday, January 8

- 2-3:30pm Inclusion Plan at NASA, 220

Tuesday, January 9

- 9-11am NN-EXPLORE EPRV Initiative Splinter Session, R08/R09

Wednesday, January 10

- 12:45-3:30pm HWO Splinter, R08/R09
- 6pm-7:30pm JWST Town Hall, 215

Thursday, January 11

- 12:45-1:45pm Roman Town Hall, 207



# Stay Connected with NASA

NSPIRES mailing list – information about NASA solicitations

- <https://nspires.nasaprs.com/>

Cosmic Origins mailing list, Exoplanet Exploration mailing list, Physics of the Cosmos mailing list – information about NASA missions and science

- <https://cor.gsfc.nasa.gov/cornews-mailing-list.php>
- <https://exoplanets.nasa.gov/exep/exopag/announcementList/>
- <https://pcos.gsfc.nasa.gov/pcosnews-mailing-list.php>

NASA Astrophysics Federal Advisory Committees

- Astrophysics Advisory Committee (APAC)  
<https://science.nasa.gov/researchers/nac/science-advisory-committees/apac>
- NASEM Committee on Astronomy and Astrophysics (CAA)  
[http://sites.nationalacademies.org/bpa/bpa\\_048755](http://sites.nationalacademies.org/bpa/bpa_048755)
- Astronomy and Astrophysics Advisory Committee (AAAC)  
<https://www.nsf.gov/mps/ast/aaac.jsp>

Sign up to be a panel reviewer:

- <https://science.nasa.gov/researchers/volunteer-review-panels>



# Volunteer to Serve on a NASA Peer Review Panel

## Personal professional development:

- See how the whole review process works
- Learn what constitutes excellent proposals
- Network with your professional colleagues and NASA scientific staff

## Institutional achievement:

- Improve at competing for NASA money
- Increase knowledge of NASA's research and technology programs

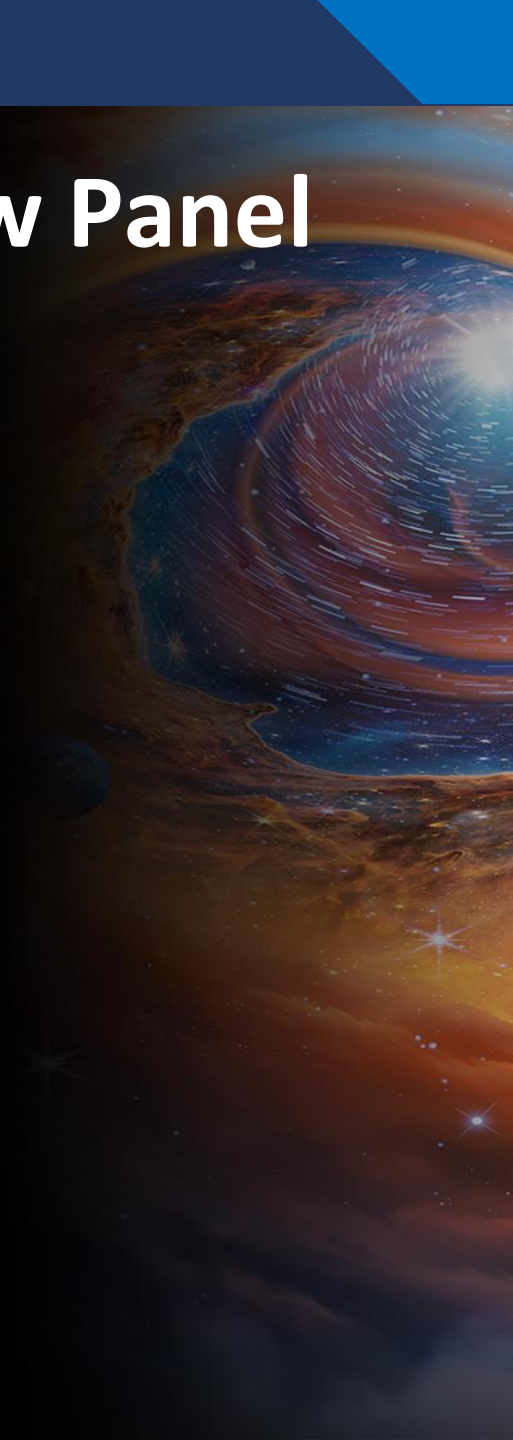
## Investment in the future:

- Help select the most transformative science
- Ensure that all proposals receive a fair and competent review

All reviewers receive an honorarium from NASA

## Sign up to be a panel reviewer:

- <https://science.nasa.gov/researchers/volunteer-review-panels>
- or contact a NASA program officer (for contact info, see <https://science.nasa.gov/researchers/sara/program-officers-list>)





**Questions?**