

# Exoplanet Program Analysis Group (ExoPAG) 25

## ***Where/When shall we hold ExoPAG 26?***

*1. Exoplanets IV (April 30-May 1)*

*2. AAS in Pasadena (June 11-12)*

*[https://docs.google.com/forms/d/1eXJKSltb-emnmT2stt0h89R\\_WoqbpcPyJQR1KiBEVCK/edit](https://docs.google.com/forms/d/1eXJKSltb-emnmT2stt0h89R_WoqbpcPyJQR1KiBEVCK/edit)*

Michael Meyer (U. Michigan), Chair ExoPAG EC

January 12, 2022



- Meeting Website & Agenda: <https://exoplanets.nasa.gov/exep/events/359>
- ExoPAG FAQ Document: [bit.ly/ExoPAG25\\_FAQ](https://bit.ly/ExoPAG25_FAQ)
- ARC Q&A Tool: [bit.ly/ExoPAG25\\_ARC](https://bit.ly/ExoPAG25_ARC)
- Suggestions Form: [bit.ly/ExoPAG\\_Suggestions](https://bit.ly/ExoPAG_Suggestions)
- Proposed Findings Form: [bit.ly/ExoPAG\\_Findings](https://bit.ly/ExoPAG_Findings)

## JANUARY 12, 2022

Session 4 (Chair: Knicole Colon)		Speaker	Time (EST)	Duration
ExEP NASA Headquarters Overview		Hannah Jang-Condell	12:00 PM	0:30
ExEP Science & Gap List Update		Karl Stapelfeldt	12:30 PM	0:20
ExEP Technology Update		Brendan Crill	12:50 PM	0:30
<b>BREAK (5 min)</b>			1:20 PM	0:05
Session 5 (Chair: Michael Meyer)		Speaker	Time (EST)	Duration
TESS Update		George Ricker / Michelle Kunimoto	1:25 PM	0:30
ExoPAG Business Meeting - New SAGS/SIGS - Discussion of Findings to bring to APD - Review of progress on actions/proposal of new suggestions - matters arising		All	1:55 PM	0:50
<b>Adjourn (end of ExoPAG 25)</b>			2:45 PM	

# ExoPAG 25 Business Meeting: Wednesday 2-??? pm EST.

- ***Brief updates on SIGs/SAGs.***
- Review of progress on actions.
- Share new ideas for ExoPAG priorities and activities!  
(Particularly in light of ASTRO 2020.)

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# Current Status of SAGs and SIGs

Close Year	SAG or SIG	Title	Lead
----	SIG 2	Exoplanet Demographics (report this meeting)	Christiansen & Meyer
----	SIG 3	Exoplanet Solar System Synergies (on-going).	Meadows & Mandt
----	SAG 21	Stellar Contamination on Transit Spectra (final report this meeting)	Rackham & Espinoza
----	SAG 22	Exoplanet Host Properties (final report submitted)	Pepper, Stark, & Hinkel
----	SAG 23?	Debris Disk Properties of Exoplanet Hosts (in formulation)	Debes, ?????

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# Past ExoPAG Findings

## ExoPAG Findings

### ExoPAG 23 (January 5-6, 2021)

This finding was drafted by the ExoPAG Executive Committee and presented to the ExoPAG at a Community Forum on December 15, 2020. With community input, revisions were made, and the finding was presented to the community for an on-line vote (March 1-10) because our business meeting at ExoPAG 23 was cancelled due events at the Capital. The finding was approved, and the finding and vote outcome was shared with APD Director Paul Hertz.

**Finding #1:** On the value of investing in interdisciplinary exoplanet science of scale over longer periods of performance.

[+ more](#)

### ExoPAG 21 (January 3-4, 2020)

The following findings were drafted by the ExoPAG Executive Committee, shared for discussion with the ExoPAG at the 21st ExoPAG Meeting January 3-4, 2020, and approved with the outcomes of each vote reported below. The findings and vote outcomes were shared with the NASA Astrophysics Advisory Committee (APAC) and APD Director Paul Hertz.

**Finding #1:** On the need to invest in databases to support programs related to achieving NASA's strategic goals.

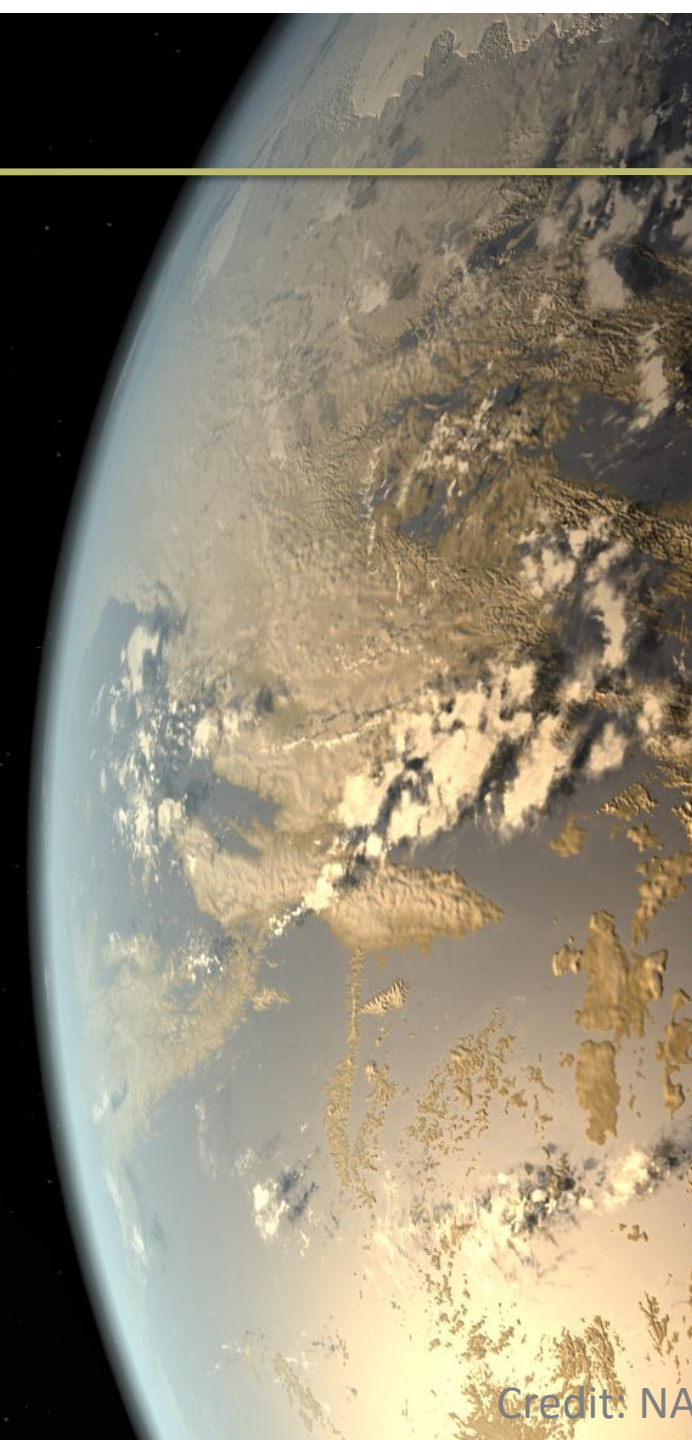
[+ more](#)

**Finding #2:** On the topic of ExoPAG providing input to other Divisions and programs on topics related to Exoplanets.

[+ more](#)

**Finding #3:** On the topic of evolution in the Exoplanet Research Program (XRP) outcomes and funding lines.

[+ more](#)



Credit: NASA



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# ExoPAG Executive Committee

## Consider volunteering for the ExoPAG EC!

- Propose a Mini-Science Symposium.
- Initiate a Science Analysis/Interest Group.
- Your analysis can lead to findings passed to HQ.
- Review the ExEP Science Gap List.
- Put forward ideas for the ExEP Tech Gap List.
- Help APD focus on increasing DEI.
- Interact with excellent colleagues.
- Inspire the next generation.
- Have an impact within our community.

(Nominations are now open).



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- Back-up Slides

# ExoPAG Recent Activities (since ExoPAG24, June 24)

- Community input provided on Science Gap List.
- EC Supporting SOC for *Exoplanets in Our Backyard II* (2022?).
- Presented to APAC October 13-15 (upcoming March 30-31).
- Discussion on Open Source Science Initiative (cf. RFI).
- Presented to PAC in November 16.
- Reviewing proposals/reports for/from SAGs/SIGs
- New APD Cross PAG activities:
  - Astro 2020 Discussions and Statement.
  - Cross PAG SAG on URM in APD Space Science (proposed).
  - Discuss Tech Gap synergies & NASA data policy.
- Welcome the new 2022 ExoExplorers (T. Kataria)

PLANET HOP FROM  
TRAPPIST-1

Credit: NASA

VOTED BEST "STUDY ABROAD" DESTINATION



# What are “ExoPAG Findings”?:

- Process for whole community to contribute to analyses forwarded to Astrophysics Division leadership as input.
- We do not give “recommendations” but “findings” based on analysis.
- Three findings approved in January 2020 and one in March 2021.  
<https://exoplanets.nasa.gov/exep/exopag/exopagFoundingDocuments/exopag-findings/>
- Ideas for new findings solicited from community (e.g. ExoPAG email and at Business Meetings) and discussed at community forum (e.g. Summer ExoPAG).
- Those with community support are reviewed by ExoPAG EC and top 1-3 findings put forward to ExoPAG for a vote (more than 2/3 support needed to “pass”).
- Ideas not adopted (or selected for vote) can be kept and re-discussed in future.
- Affirmation of findings generally scheduled for winter ExoPAG meeting.