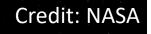
Exoplanet Program Analysis Group (ExoPAG):

Science Interest Group 2 – Demographics



Rachel Fernandes & Samson Johnson Co-Chairs

AAS 242 Splinter: Yield Modelling Tools Jun 8, 2023



Exoplanet Program Analysis Group: What is that anyway?

ExoPAG Terms of Reference

Exoplanet Program Analysis Group Chartered by the Astrophysics Division

- 1. Articulate & prioritize science drivers for Exoplanet Exploration research;
- 2. Evaluate capabilities of potential missions to achieve program goals;
- 3. Evaluate ExEP activities with broad community input;
- 4. Articulate & prioritize new mission technologies; and
- 5. Provide findings on all related program activities including:
 - ground-based observing,
 - theory and modeling programs,
 - laboratory astrophysics,
 - suborbital investigations,
 - data archiving and
 - community engagement.

SIG 2 - Exoplanet Demographics

Chairs: Rachel Fernandes (UArizona->PennState) Samson Johnson (JPL)

- Previous report on value of public database of demographic products, covering all techniques: https://arxiv.org/abs/2304.12442
 - Huge thanks to previous chairs Jessie Christiansen and Michael Meyer
- Curating a list of open questions/ongoing projects for the community
 - Eta-Earth considerations for HWO
 - Exoplanet demographics with Roman Space Telescope
 - Synthesizing demographics from multiple detection techniques
- Actively seeking to recruit new members, especially ECRs!
 - join us! <u>https://exoplanets.nasa.gov/exep/exopag/sigs/#sig2</u>





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