



# DPS Members Meeting 2021

7 October 2021



**Division for Planetary Sciences**

of the **AMERICAN ASTRONOMICAL SOCIETY**



# Call Meeting to Order

Amy Mainzer  
DPS Chair



# Agenda

- Welcome, summary of past year's activities
- Secretary's report
- Nominating Subcommittee vote
- Publications Subcommittee report
- Planetary Science Journal report
- Icarus report
- Financial report
- 2021 SOC/VOC report
- 2022 meeting
- Prize Subcommittee
- Professional Climate & Culture report
- Announce Nominating Subcommittee results
- Outgoing & incoming Chair remarks
- Open floor for questions, concerns – **please enter questions/concerns in Zoom chat & Slack; we'll try to call on you to ask your question orally**
- Left time at the end for your comments and questions, but feel free to contact me, Diana, or any of the DPS Committee members for more discussion after the meeting
- See also the science chat immediately following this meeting
- Additional material available in backup



# Interested in being involved in the DPS?

## We need volunteers!

- Professional Culture & Climate Subcommittee (PCCS)
  - *Contact Serina Diniega or Shawn Brooks*  
([Serina.Diniega@jpl.nasa.gov](mailto:Serina.Diniega@jpl.nasa.gov), [shawn.m.brooks@jpl.nasa.gov](mailto:shawn.m.brooks@jpl.nasa.gov))
- DPS Environmental Affairs Subcommittee (DPSEAS)
  - *Contact Anne Virkki* ([Anne.Virkki@ucf.edu](mailto:Anne.Virkki@ucf.edu))
- Publications Subcommittee (PubSubComm)
  - *Contact Catherine Neish* ([cneish@uwo.ca](mailto:cneish@uwo.ca))



# DPS Accomplishments This Year

- Established new partnership with the National Society of Black Physicists
  - Program includes a distinguished speakers' program that will highlight the work of an outstanding early career scientist presenting at NSBP annual meeting
    - DPS supports travel of speaker to next DPS meeting and will coordinate a 2<sup>nd</sup> talk at another institution
  - Establishes regular communication between DPS and NSBP Earth & Planetary Systems Sciences track leadership
    - Partnership docs available on the DPS website
- New fund for minoritized communities & Niebur awards for dependent care have both been brought to \$100k each – contribution from DPS Reserve Fund
  - This allows both funds to be sustainable in perpetuity
  - Thank you for your contributions, and **let's keep these funds growing!**

**THANK YOU to the PCCS and to the leaders of the NSBP-EPSS track!**



# DPS Accomplishments This Year

- New DPS Values drafted and about to be posted on DPS website
- Have proposing modifications to the DPS Bylaws to make the PCCS Subcommittee Chair a voting DPS Officer
  - Currently being voted on by AAS Board of Trustees
  - Will come before membership for a general vote after that
- First Alexander mid-career prize awarded
- Recommendations to rebalance AAS investment portfolio to divest from fossil fuels submitted to AAS Finance Committee
- Met with NASA Administrator Bill Nelson & Associate Administrator Thomas Zurbuchen to discuss DPS concerns: more R&A, diversity, conference travel problems
- Presented DPS's advocacy for doubling of NASA Research & Analysis budget to Decadal Survey
- Raised an additional \$20,000 beyond project meeting budget from Exhibitors – please visit their booths! Their support of DPS is vital.

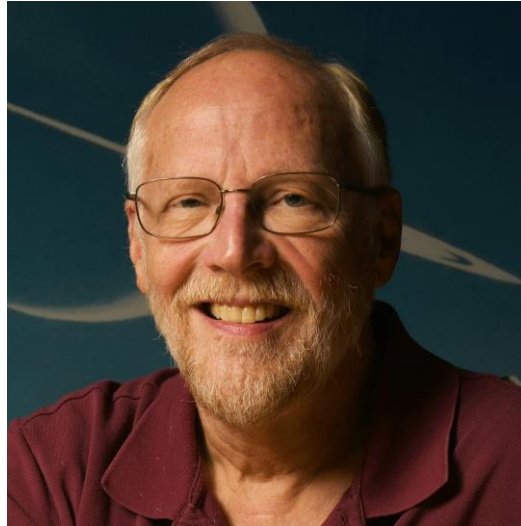




# Congratulations to the 2021 DPS Prize Winners!



Dr. Therese Encrenaz



Dr. Mark Showalter



Dr. Elizabeth Turtle



Dr. Lynnae Quick



Dr. Nicole Zellner



Dr. Adam Frank



Ms. Camille Carlisle



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# DPS Members Meeting 2021

## Secretary Report

Maria Womack

October 8, 2021

Virtually anywhere





# In Memoriam

Carolyn Shoemaker



Jack Salisbury



George Carruthers



Koichuro Tsuruda



Walter Huebner



Terrence Rettig



Roger Jay Phillips



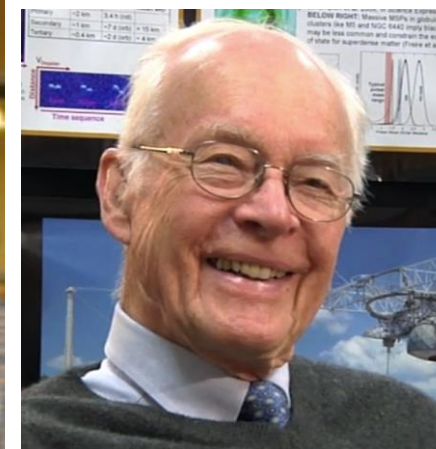
John Caldwell



Stuart Ross Taylor



Gordon Pettengill



Chair 1977-78

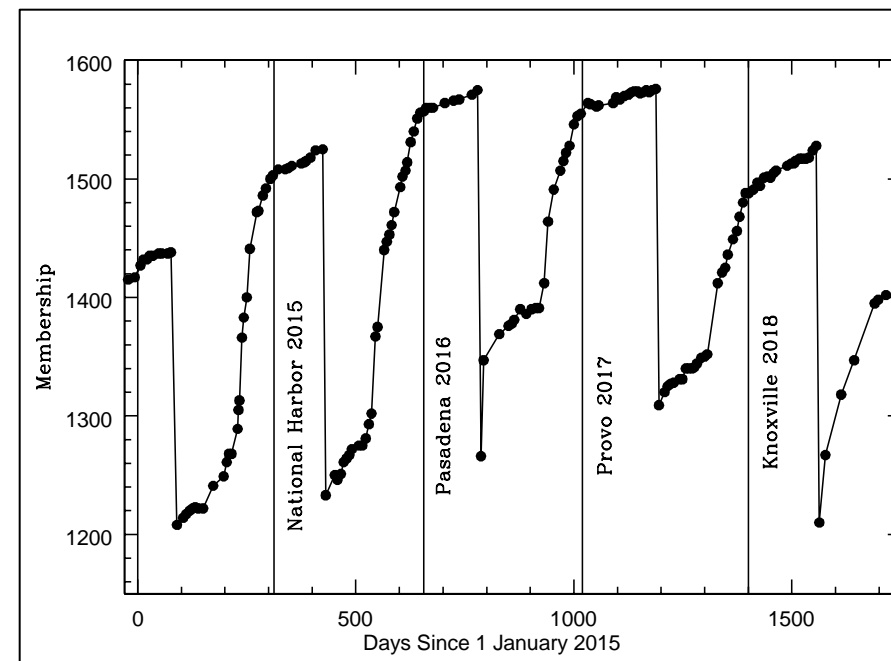


# Membership

- Current active membership: 1338 (1335 in Oct 2020)  
Non-US fraction also unchanged: 15%

**Renew your membership and pay your dues before 31 Dec. 2021 to avoid being dropped in February.**

- Pay your 2022 membership dues online at <https://my.aas.org/services>
- Consider the 2 years option, if you are able
- Remember that your AAS membership benefits include 15% off the author charges for one paper published in any AAS Journal such as *The Planetary Science Journal*



## Elections

**Remember to vote !!**

**455** people voted this year. **36%** of our eligible membership, compared to 45% last year. **THANK YOU!**

## Newsletters

26 issues so far this year. Thank you to DPS Webmaster Katie Gosmeyer for posting on the DPS website. For obituaries, please send the full text to [dpssec@aes.org](mailto:dpssec@aes.org) when it is ready for distribution. Thank you.



# DPS Incoming Officers, Committee Members, Subcommittee Chairs

Diana Blaney  
DPS Chair



Catherine Neish  
DPS Vice Chair



Serina Diniega  
DPS Committee



Brian Jackson  
DPS Committee



Desireé Cotto-Figuero, Chair  
Nominating Subcommittee



Teddy Kareta  
Incoming Press Officer







# DPS Outgoing Officers, Committee Members, and Subcommittee Chair

Amy Mainzer

DPS Chair -> Past Chair



Amanda Hendrix

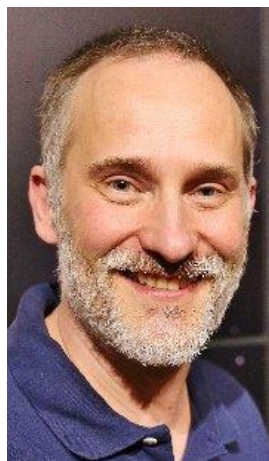
DPS Past Chair



Krista Soderlund  
DPS Committee



Will Grundy  
DPS Committee



Matthew Knight, Chair  
Nominating Subcommittee





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Nominating Subcommittee  
Desireé Cotto-Figueroa



# DPS Nominating Subcommittee

**Purpose:** Responsible for presenting to the DPS secretary a list of candidates for DPS officers and committee

**Duties:** Several telecons in December-March each year to identify potential candidates, emails/calls with potential candidates as needed, notify DPS secretary of final list of candidates

**Duration:** 3 years (serve as Chair in final year)

## **Current committee:**

- Desireé Cotto-Figueroa [Chair], Associate Professor at the University of Puerto Rico at Humacao; asteroids & meteorites
- Alessondra Springmann, PhD candidate at the Lunar and Planetary Laboratory, University of Arizona; asteroids, comets & meteorites

***Now: Nominate candidates to run for the subcommittee!***



# Nominating Subcommittee: Procedure for Nominations

- Please nominate someone by writing the name (& institution) of the individual in the Zoom chat window
  - Each nomination must be seconded (in the Zoom chat window)
  - Each nominee must be present at the meeting and agree to run
  - Must be a DPS member to be on the Nominating Subcommittee
- 
- ***Later in the member's meeting: Vote for one candidate via a Google form.*** Link will be provided when time to vote.





# Nominating Subcommittee Voting

## NAMES/INSTITUTIONS OF CANDIDATES:

1. Driss Takir JSC - asteroids
2. Mike Bland USGS – icy satellites
3. Morgan Cable JPL – ocean worlds

- Is each candidate present & willing to run? DPS member?
- Sanlyn creates google doc and posts link in zoom chat
- Please vote clicking the link in the Zoom chat window
- The link goes to a Google form; you will not need to log in to a google account to get to the form. We rely on honor system: please only vote once
- Ballot will be open for the next ~10 min
- If you'd rather not use the google form, please email [DPS.Secretary@aaas.org](mailto:DPS.Secretary@aaas.org) with your vote
- Thank you!



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Professional Climate & Culture Subcommittee  
Serina Diniega & Shawn Brooks



# The DPS Professional Culture and Climate Subcommittee (PCCS)

♥ Current chairs: Serina Diniega – JPL, Shawn Brooks (co-chair) – JPL  
⚡ DPS Committee Liaison: Krista Soderlund



e-mail: [dps.pccschair@aas.org](mailto:dps.pccschair@aas.org)

URL: <https://dps.aas.org/leadership/climate>

*Presented at DPS Members Meeting 2021*



# What do we do?

*Our aim is to understand barriers faced by underrepresented communities in planetary science and communicate them to the DPS leadership and broader community.*

## Some of what we did in 2020-21

- Facilitated work to improve racial inclusivity and diversity
  - NSBP partnership, including the new Joint Speaker Program!
  - URM travel grant
- Supported DPS meeting organizing committees
- Supported community communication and EDIA awareness
- Created and signed a PCCS Code of Conduct
- Compiled our recommendations to DPS, for 2022

Thank you to DPS for adding funds, moving towards sustainability!  
**Please consider a donation!**

**Check these out on our website!**  
<https://dps.aas.org/leadership/climate>

Interested in learning more and potentially joining us?

Contact [dps.pccschair@aas.org](mailto:dps.pccschair@aas.org) or any of the current members





# EDIA activities at DPS 2021

Immediately following the Members' meeting

- Science Chat: *DPS activities and community inclusivity*, 5:30-6pm EDT

Friday (all EDT)

- Plenary: 500 - *SciAccess: Advancing Disability Inclusion in Astronomy and STEM*, 12-1pm EDT
- Q&A session: 504 - *IDEA: Inclusion, Diversity, Equity, and Accessibility*, 3-3:30pm EDT
- Q&A session: 507 - *Engaging Our Communities*, 3:30-4pm EDT
- Science Chat: *IDEA in Planetary Science*, 4-4:30pm EDT

*Also please join us in the slack discussion 😊*



Anna Voelker, SciAccess Founder  
+ Caitlin O'Brien, The Ohio State U





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Publications Subcommittee  
Catherine Neish



# DPS Publications Subcommittee

- The “PubSubCom” consists of one chair and ~6 members, who each serve 3-year terms (renewable)
  - We are looking for up to **three new members!**
- Our primary job is to manage the relationship between the DPS and its two designated publications (*Icarus* and *The Planetary Science Journal*). The PubSubCom’s main responsibilities are:
  - Advocate for and work to improve our two endorsed journals, *Icarus* and *The Planetary Science Journal* – *e.g., we are working to update the keywords for PSJ and consulted on its pricing structure.*
  - Provide recommendations for Editor in Chief for both journals – *helped to confirm Dr. Alessandro Morbidelli as EiC of Icarus this year.*
  - In the case of *Icarus*, keep track of our three-year Agreement with Elsevier. The current term of the Agreement runs from March 1, 2021 – February 29, 2024.
  - Help the DPS Committee identify two new candidates for the *Icarus* editorial board each year.
  - Help to distribute the 30 complimentary *Icarus* subscriptions granted to us by the Agreement with Elsevier - *helped three members gain access this year.*





# THE PLANETARY SCIENCE JOURNAL



AAS Journals

Faith Vilas, Editor

Science  
Editors:

Twitter:  
@AAS\_PSJ

Brian Jackson  
Ed Rivera-Valentin  
Maria Womack





# THE PLANETARY SCIENCE JOURNAL

20 Oct 2020 – 25 Sep 2021



Manuscripts submitted to PSJ: 279

In process on 20 Oct 2020: 105

Accepted for Publication: 228

Declined/Rejected: 16

Withdrawn: 3

Errata: 2

In Process on 25 Sep 2021: 135

Median Time From Submission to First Decision:

36 Days

Mean Time From Submission to First Decision:

40.91 Days





# THE PLANETARY SCIENCE JOURNAL



Six issues in Vol.2 – 2021

Increase to 12 issues for Vol. 3, 2022

## 10 Focus Issues:

Cometary Symposium in Celebration of Mike A'Hearn

Tony Farnham

Lunar Mission Concepts and High-Priority Landing Sites

Barbara Cohen & Maria Banks

Planetary Decadal Mission Concept Studies

Julie Castillo-Rogez &  
Martha Gilmore

The TRAPPIST Habitable Atmosphere Intercomparison (THAI).  
Collection of model intercomparison papers for GCM, EBM  
and 1D models applied to THAI

Thomas Fauchez

Ocean Worlds: Motivations for a Multi-Decadal Exploration Program

Shannon MacKenzie  
& Samuel Bell





# THE PLANETARY SCIENCE JOURNAL

Focus issues – con't:



Arecibo Observatory's Planetary Science

Edgard Rivera-Valentin

Shape Modeling of Asteroid Bennu by the OSIRIS-REx Mission

Michael Daly, Eric Palmer,  
Catherine Volner, Olivier Barnouin

The DART and Hera Missions and the Didymos System

Andrew Rivkin

2020: Exoplanets in The Planetary Science Journal's First Year

PSJ Editors

2021: Exoplanets in PSJ's Second Year Expansion

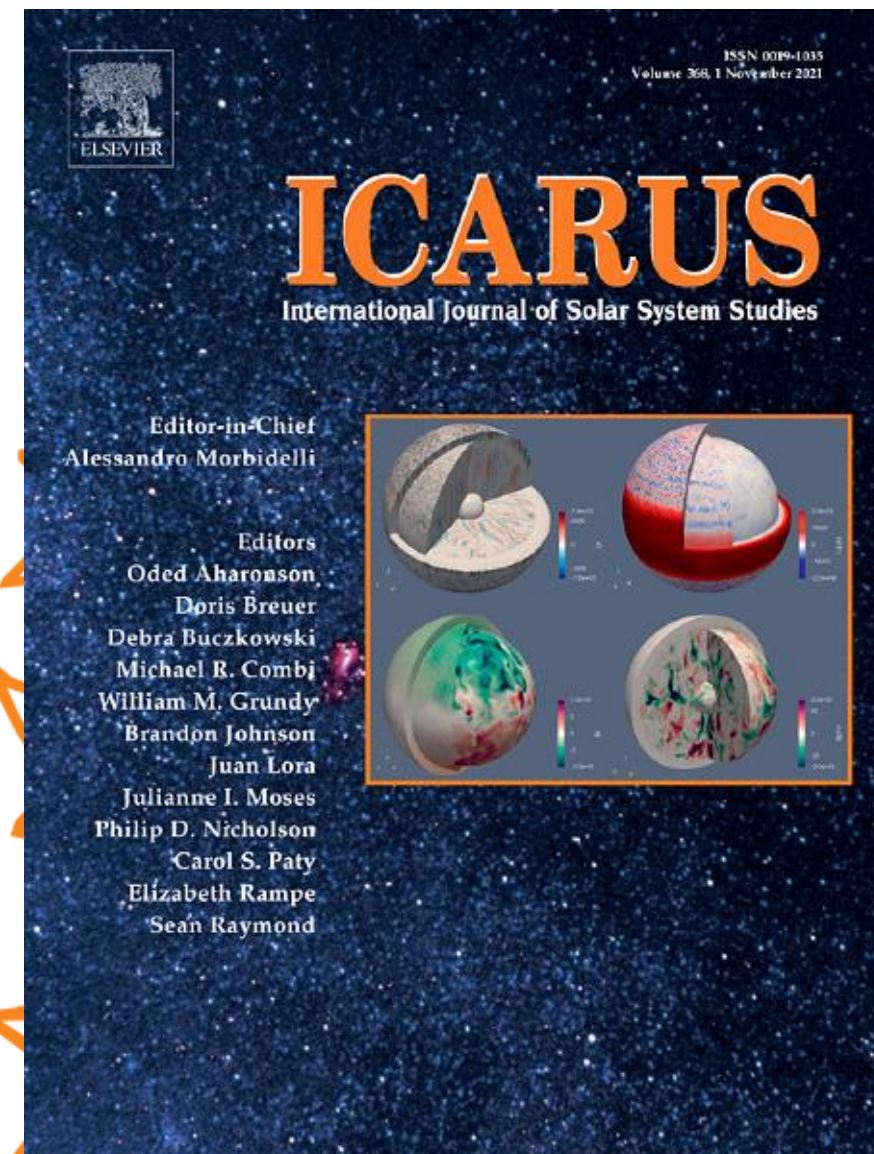
PSJ Editors





# Icarus

Address by new EiC  
Alessandro Morbidelli



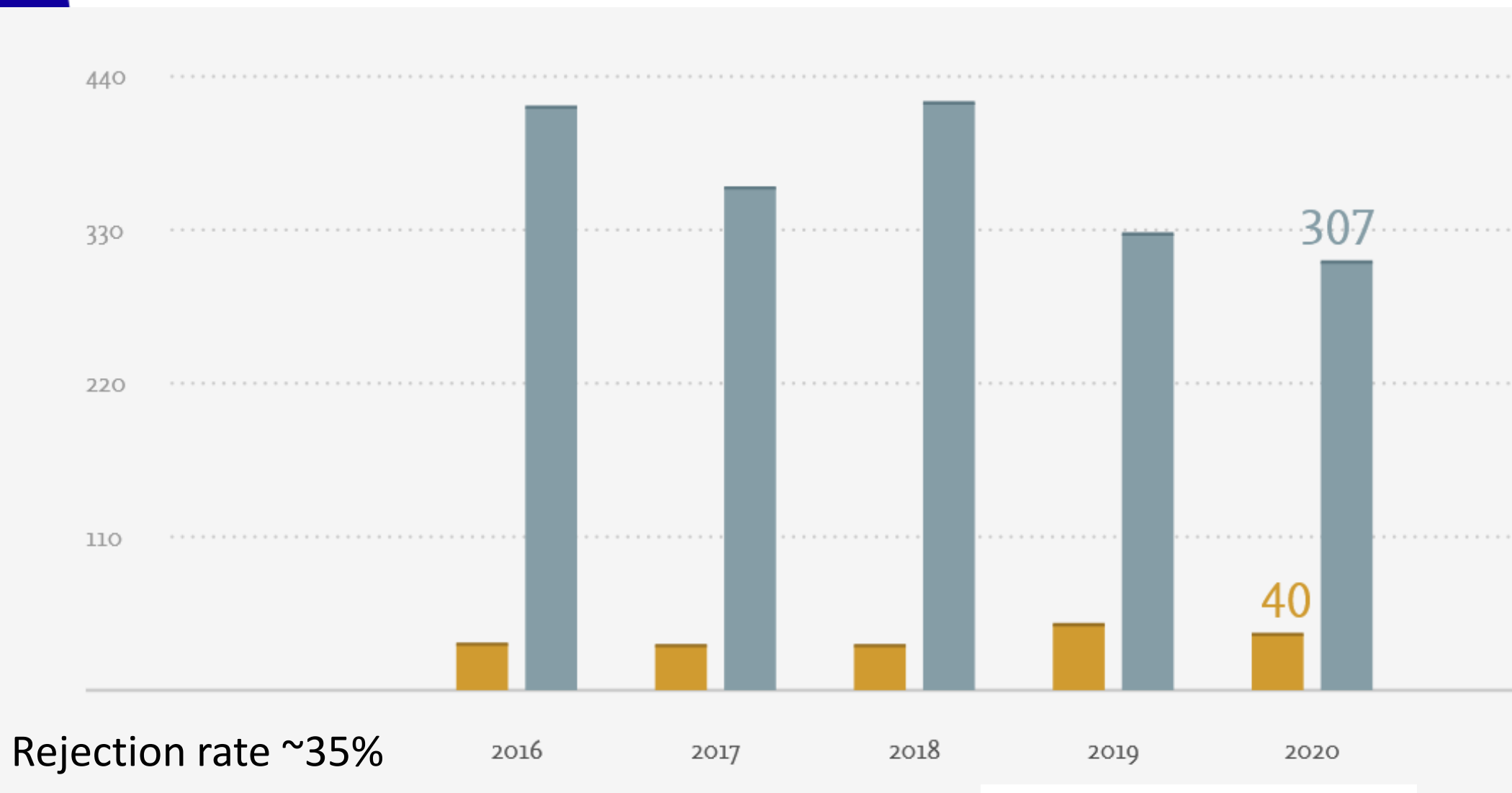


# The Journal

- **Icarus** is devoted to the publication of **original scientific results** in the field of **Planetary Science**: Solar or extrasolar systems.
- Icarus is endorsed by the Division for Planetary Sciences of the American Astronomical society
- Citation index: 3.7, Cite Score: 7.0  
N.1 among journals devoted to planetary science



## A big journal - Submitted Manuscripts & Editorial Outcomes

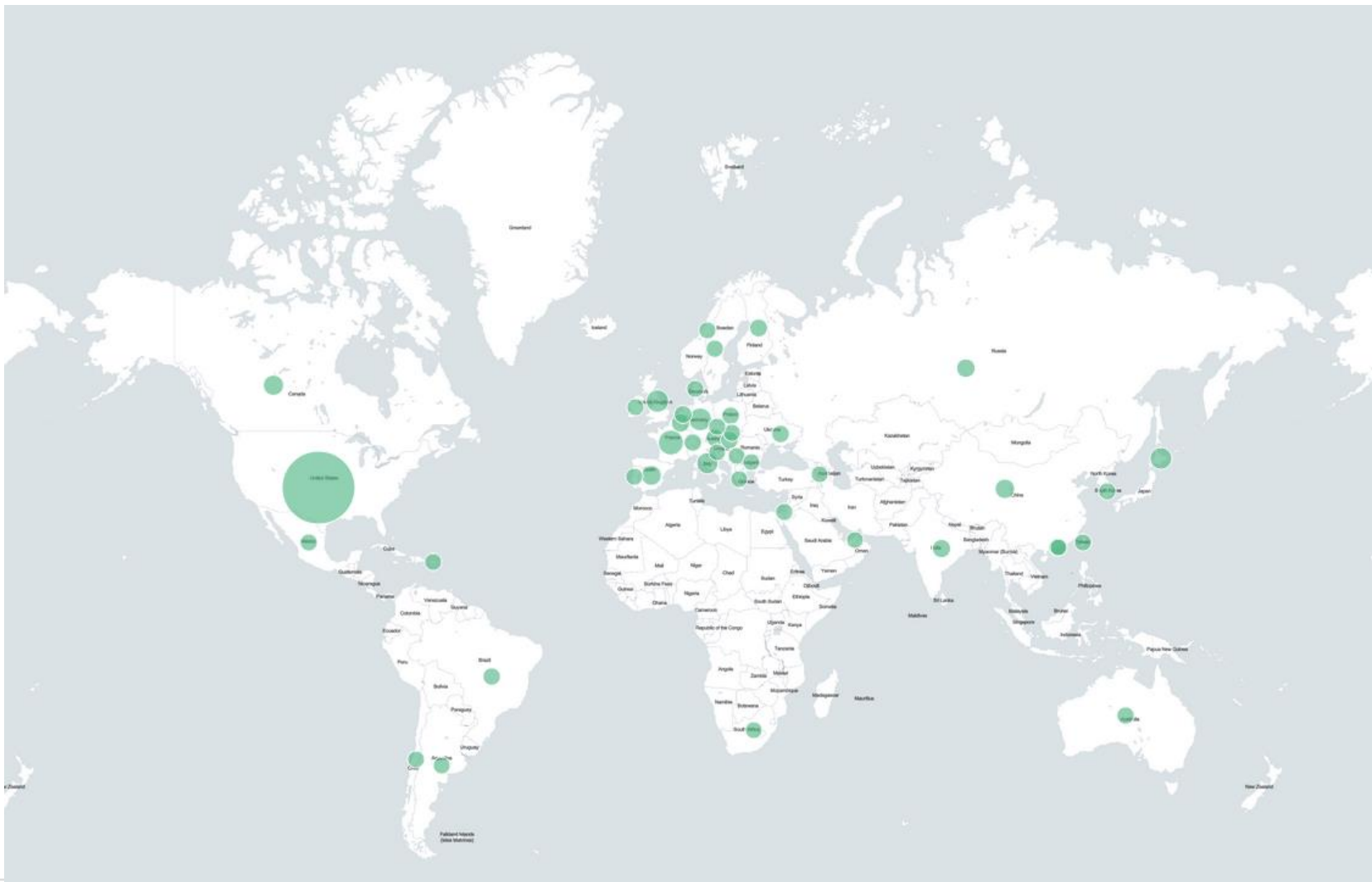


- Open Access Articles
- Subscription Articles





# An international Journal - Accepted Articles by Country





Action since change in EiC and  
evolution of the journal



# Introduction of new article format:

## Letters

- Short manuscripts on ground-breaking results, with a potential high impact factor.
- Length is limited to 3,500 words, abstract included, and they can contain up to three figures and one table.
- Reviewed by two experts (ideally within two weeks) and, will be highlighted on-line and in print.



# Redefined Notes

## Notes -

- Short manuscripts that present preliminary results,
- Discuss an idea supported by some exploratory investigation, comment on a published manuscript, or report observations that don't yet have clear implications or include null results.
- Length is limited to 2,000 words and one figure.
- Reviewed by only one expert.
- Scope is to provide a reference record for material which is not yet mature or developed enough to be the subject of a standard publication.



# Renewed the Editorial board:

S. Raymond (repl. A. Morbidelli)

J. Moses (repl. D. Strobel)

D. Breuer (repl. O. Aharonson)

L. Feaga (repl. M. Combi)

Replacement of W. Grundy is under search

New editor for meteorite science

**Editors now limited to two periods of 3 years each**

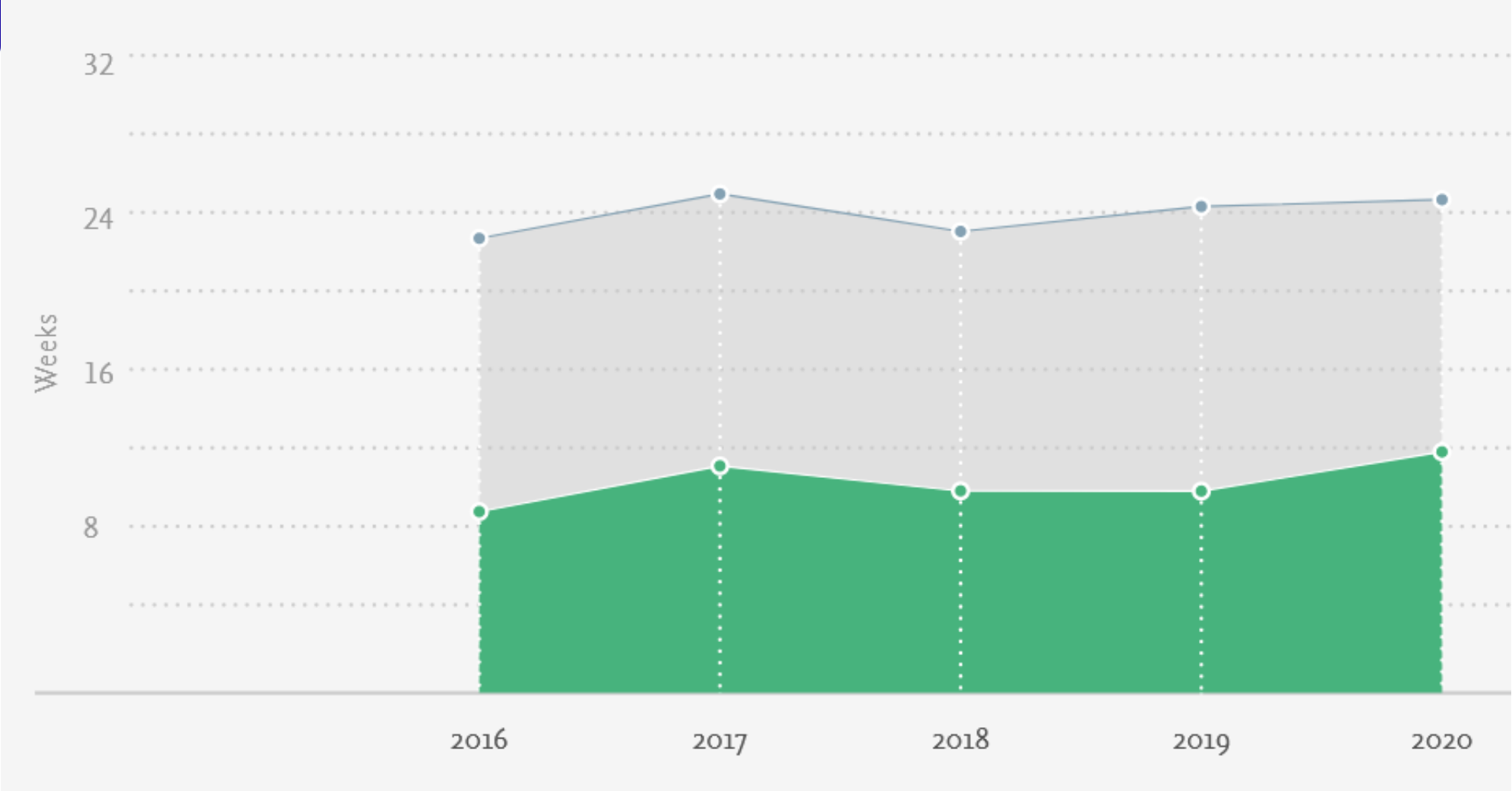


## Other changes:

- We aim to increase the number of invited review papers
- Renew the tradition that DPS (and EPSC) prize winners are invited to submit a review paper
- Acknowledge all reviewers at the end of the year
- Commend the reviewers who have done a particularly thorough job (especially young ones)
- Award a **prize for the best student-led paper** of the year



# SPEED! Average Editorial Speed (Accepted or Rejected)







# Making our best to improve

## Editor's Seminar

- Reviewed the editorial procedures
- Identified the most effective ones and adopted them as standards

Monthly review of the status of exceptionally delayed papers

More aggressive reminders to late reviewers

Follow-up of all complaints from the authors

A plea to the community



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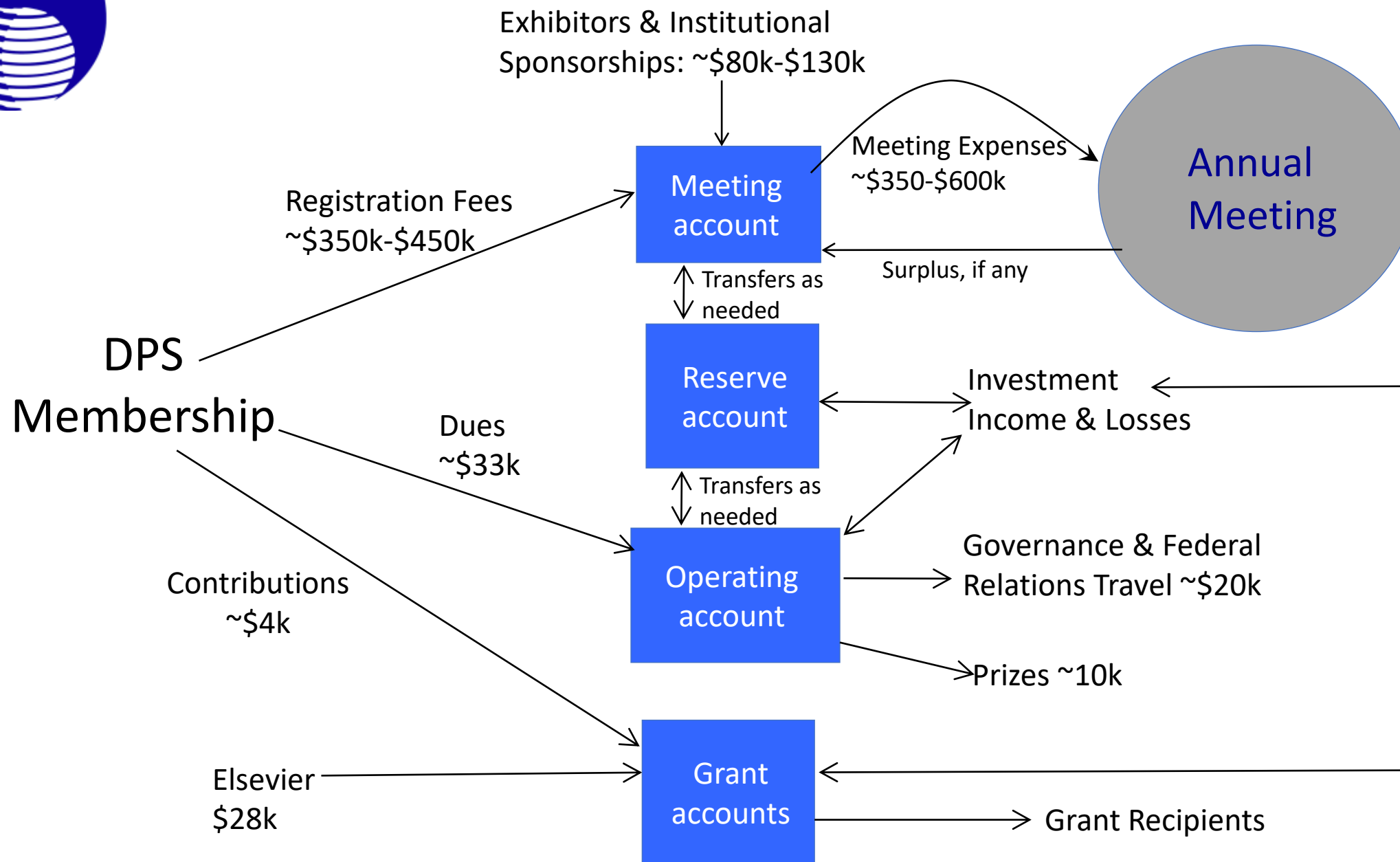
# Treasurer Report

Tony Roman

October 7, 2021  
Members Meeting



# DPS Annual Cash Flow





# DPS Account Balances

as of June 30, 2021

Account	Balance
Annual Meeting	-\$185
Hartmann Grant	\$300,958
Masursky Prize	\$7,747
Minority Communities Grant	\$20,170
Niebur Grant	\$68,518
Operating	\$231,866
Reserve	\$928,920
Sagan Prize	\$9,224
VISA	\$0
TOTAL	\$1,567,218



# Increases to Grant Funds

June 30, 2021 Balances

Account	Balance
Annual Meeting	-\$185
Hartmann Grant	\$300,958
Masursky Prize	\$7,747
Minority Communities Grant	\$20,170
Niebur Grant	\$68,518
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Reserve	\$928,920
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VISA	\$0
TOTAL	\$1,567,218

- Reserve funds are very healthy.
- In July, the DPS Committee used some reserve funds to increase the Minority Communities Grant account and the Niebur Grant account to balances of \$100k each.
- This will enable higher future spending levels for these grants.



# 2021 Hartmann Student Travel Grants

Diana Blaney

- DPS received two applications for funding of the meeting registration fee.
- Both requests were funded
  - 1 from Massachusetts Institute of Technology
  - 1 from University of Western Ontario
- We greatly appreciate the generosity of all donors to this fund



# 2021 DPS Dependent Care Grants

Lead: Mark Gurwell

- The DPS's Susan Niebur Professional Development Fund provides financial assistance to qualifying members in order to facilitate their meeting participation.
- For the 2021 Meeting, we have received two applications as of September 14; and both were funded.
- Both applications were for funds to offset care expenses for a younger children during the week.





# DPS Education and Outreach Mini-Grants

Sanlyn Buxner

- Small grants to facilitate EPO activities
- 3 have awarded 3 grants in this first cycle
  - Heidi Wu Title: Boise State University – Support of Virtual Lectures
  - Larry Lebofsky – Planetary Science Institute – Meteorite Kits for Public Engagement
  - Malena Rice – Yale University – Astrobites Videos of Scientists
- Each awardee will be featured on the DPS website and asked to present a talk or poster at the next DPS meeting they attend, an additional abstract slot reserved for education and outreach in addition to science talks/posters at DPS meetings.



# Grants for Underrepresented Minority Communities in Science

- New fund to support participation in DPS and National Society of Black Physicists meetings
- 4 applicants were funded from 4 institutions
  - University of Central Florida
  - UCLA
  - University of Puerto Rico at Mayaguez
  - Northern Arizona University



**For More Information**

[DPS.Treasurer@aas.org](mailto:DPS.Treasurer@aas.org)



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# 2021 Virtual Meeting Update

Jennifer Hanley (SOC Chair)



# Many thanks to our wonderful SOC Members:

- Natasha Batalha, Ames
- Susan Benecchi, PSI
- Julie Brisset, UCF
- Shawn Brooks, JPL
- Morgan Cable, JPL
- Desireé Cotto-Figueroa, UPR
- Maxime Devogèle, Arecibo
- Rajani Dhingra, JPL
- Anna Engle, NAU
- Peter Gao, UCSC
- Cheng Li, Umich
- James Keane, JPL
- Matthew Knight, USNA
- Erika Kohler, GSFC
- Adrienn Luspay Kuti, APL
- John Moores, York
- Edgard Rivera-Valentín, LPI
- James Sinclair, JPL



# Thank you to the Virtual Organizing Committee (VOC)!

- Joe Masiero, VOC Chair
- Bill Bottke
- Sanlyn Buxner
- Christine Hartzell
- Amanda Hendrix
- Timothy Holt
- Moses Milazzo
- David Minton
- Jen Piatek
- Kurt Retherford
- Chrissy Richey
- Kelsi Singer
- Jason Soderblom
- Driss Takir



# Goals of the Virtual Meeting Format

- Accommodate multiple time zones
- Avoid “zoom fatigue”; adapt to shorter attention spans for online content
- Make the meeting accessible
  - Recognize that people may not be able to rearrange family/academic/etc. responsibilities for the week as they might have before the pandemic

## Strategies:

- Short “meeting days” focused on interaction, exchange of ideas
- Any noninteractive content should be recorded to be accessible on an asynchronous basis
  - Third party captioning and/or transcripts of videos were provided, increasing accessibility while reducing effort for the presenters
- Robust text-based forum to encourage asynchronous interactions
- The basic format was road-tested by DPS 2020 last year
  - This year we added dedicated poster sessions for increased interactions and networking
- Include a VOC to organize peripheral activities for community building – basically everything outside the plenary and parallel science sessions
  - thanks, Joe and the VOC!!





# Meeting Statistics

- 417 contributed abstracts as of 2021-09-08 (521 last year)
  - 265 oral, 152 iPoster
    - 8 Education abstracts
    - 6 Workforce abstracts
  - Does not include 21 plenary talks in 5 plenary sessions
  - 353 contributed presentations were organized into 51 parallel Live Q&A sessions and/or 10 Gathertown sessions
  - Everyone was given the presentation type they asked for as there were no resource-based limits on the number of oral presentations
- 720 registrations as of 2021-10-07



# Thank you to AAS Meeting Staff!

- Elizabeth Scuderi
- Jasmine Lathon-Gordon
- Debbie Kovalsky
- Zuzana Kelyman
- Sherrie Brown
- Crystal Tinch
- Warpspeed crew





# DPS 2022: London, Canada



Chair of LOC: Catherine Neish (UWO)

Chair of SOC: John Moores (York University)





- London is home to Western University and the Institute for Earth and Space Exploration
  - Largest group of students and faculty in planetary science in the country!
- This will be the first DPS meeting held in Canada
  - Current exchange rate: 1 USD = 1.26 CAD
- Confirmed dates: October 3-7, 2022
- Hopeful that international travel will be possible in Fall 2022.
  - Working with NASA to expand the number of civil servants who can attend.



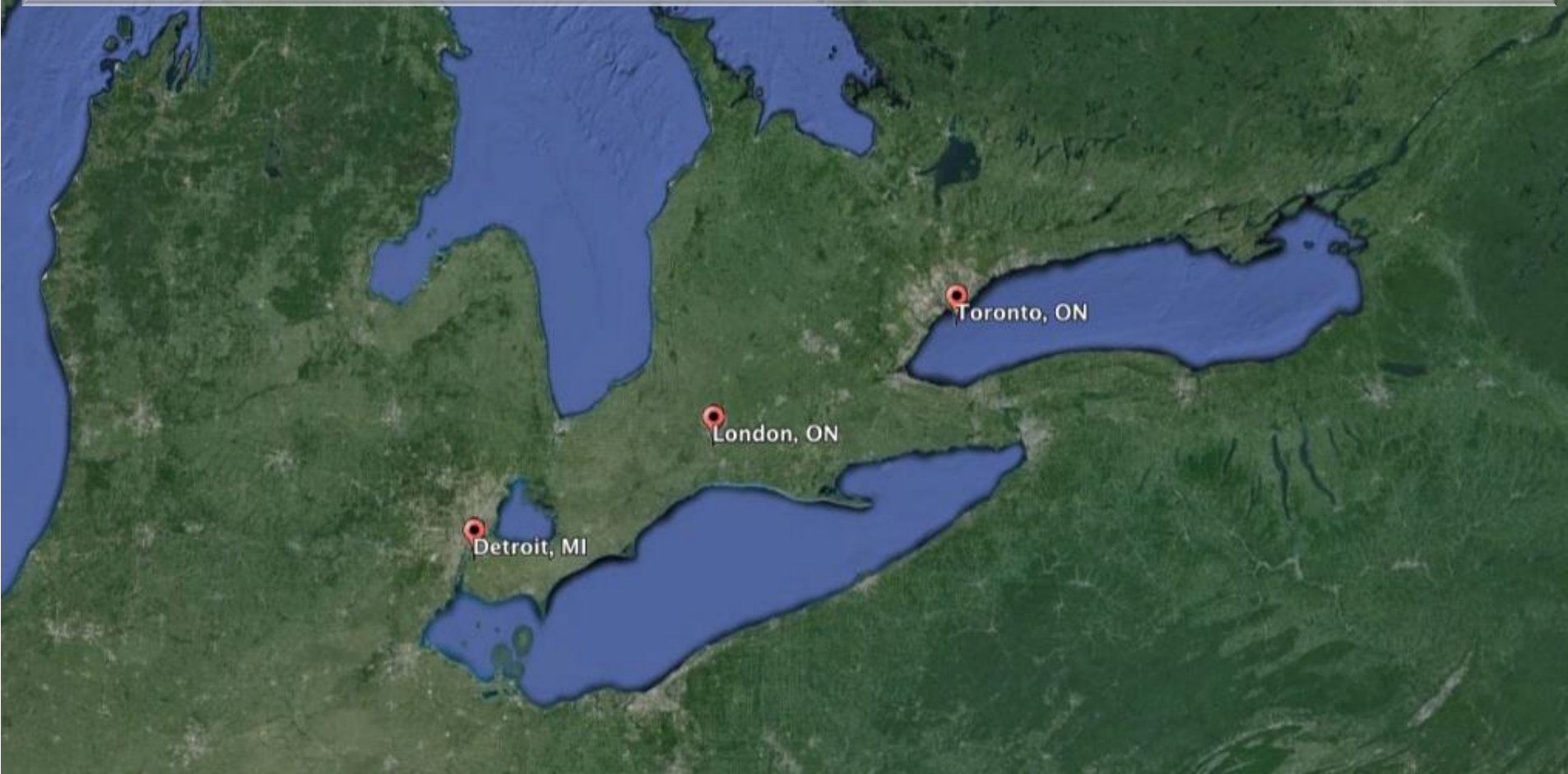
**Western**  
Institute for Earth  
& Space Exploration







**London is located in southern Ontario, just a two hour drive from Detroit or Toronto.**



**Direct flights to the London airport from Toronto and other Canadian cities.**

Google earth

Data SIO, NOAA, U.S. Navy, NGA, GEBCO

Image Landsat

Image NOAA

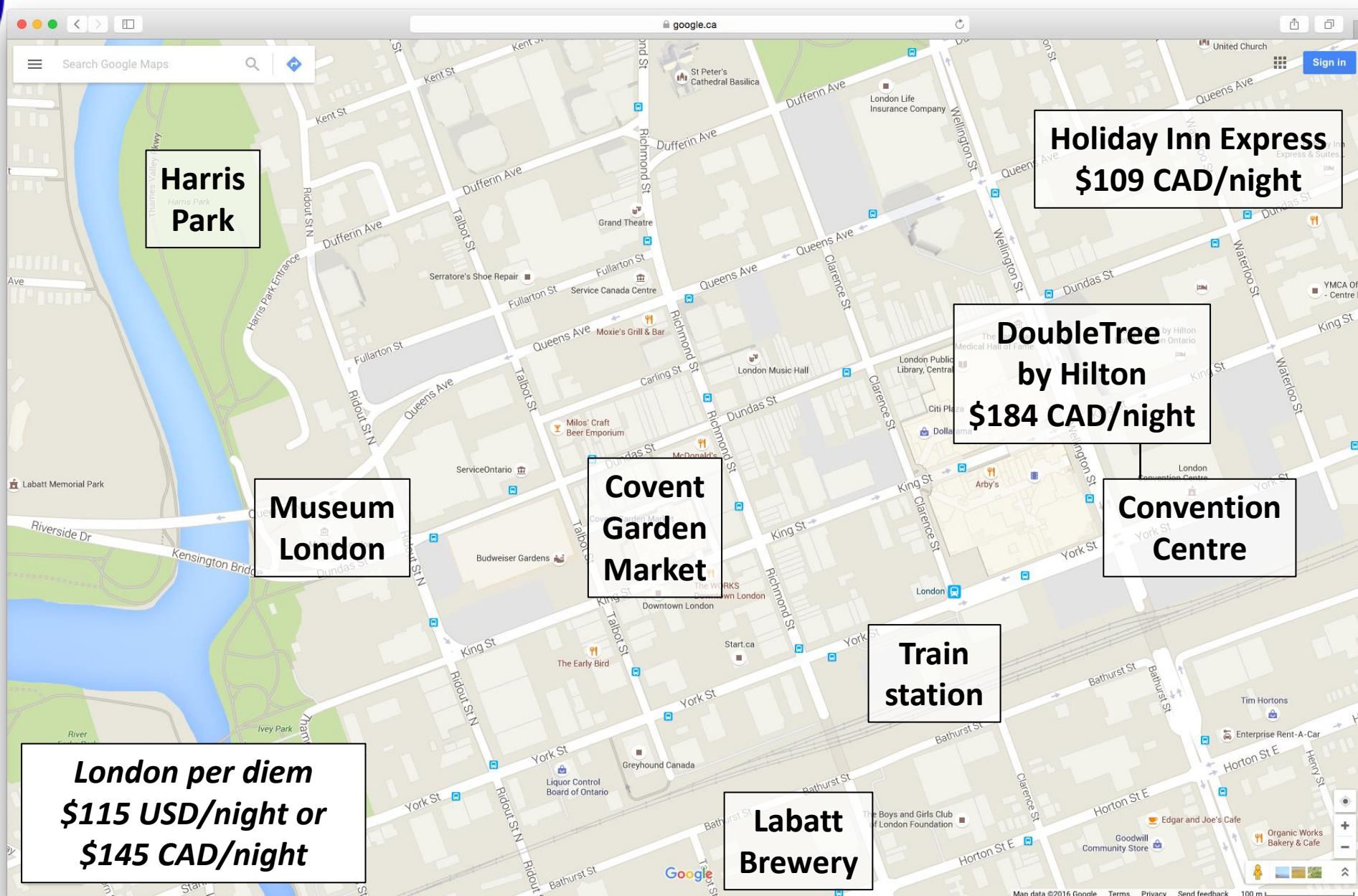


500 km





# Meeting would be held in downtown London





# Future DPS Meetings

- 2022 DPS Meeting, October 2nd – 7<sup>th</sup>
  - London, Ontario
  - LOC: Catherine Neish
  - SOC: John Moores
- 2023 DPS Meeting: Oct 1-6
  - San Antonio, TX
  - LOC: Kurt Retherford
- 2024 DPS Meeting: Oct 6-11
  - Boise, ID
  - LOC: Brian Jackson
- 2025 Europe
- 2026 DPS Meeting: Oct 25-30
  - Spokane, WA
  - LOC: Jason Barnes





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# DPS Prize SubCommittee Report

Amanda R. Hendrix, Past Chair

**2021 DPS Prize Subcommittee:**

Amanda Hendrix, chair

Jonathan Fortney\*

Kelsi Singer\*

Kerri Donaldson Hanna

Stefanie Milam

Laura Woodney

Yuk Yung

*\*rolling off this year*



# Prize Subcommittee Report

- The DPS sponsors five prizes:
- The [Gerard P. Kuiper Prize](#) honors outstanding contributions to the field of planetary science.
- The [Claudia J. Alexander Prize](#) recognizes excellence and achievements by a mid-career scientist.
- The [Harold C. Urey Prize](#) recognizes outstanding achievement in planetary research by an early-career scientist.
- The [Harold Masursky Award](#) acknowledges outstanding service to planetary science and exploration.
- The [Carl Sagan Medal](#) recognizes and honors outstanding communication by an active planetary scientist to the general public.
- The [Jonathan Eberhart Planetary Sciences Journalism Award](#) recognizes and stimulates distinguished popular writing on planetary sciences.
- The prize subcommittee, chaired by the past-chair, recommends candidates to the Committee, the Committee selects the prize recipients.
- <https://dps.aas.org/prizes/nomination-form>
- **All DPS members are encouraged to submit prize nominations in 2022!**
  - **Nominations will open in January 2022**



# Eligible Nominations Remaining

- Nominations are considered for three years or for the duration of the candidate's eligibility.
  - Nominations can be resubmitted after three years.
  - Some DPS prize categories *currently have only a handful of nominations*
  - The [Gerard P. Kuiper Prize](#): 7
  - The [Claudia J. Alexander Prize](#): 6
  - The [Harold C. Urey Prize](#): 7
  - The [Harold Masursky Award](#): 2
  - The [Carl Sagan Medal](#): 5
  - <https://dps.aas.org/prizes/nomination-form>
- 
- All DPS members are encouraged to submit prize nominations in 2022!



# New Prize!

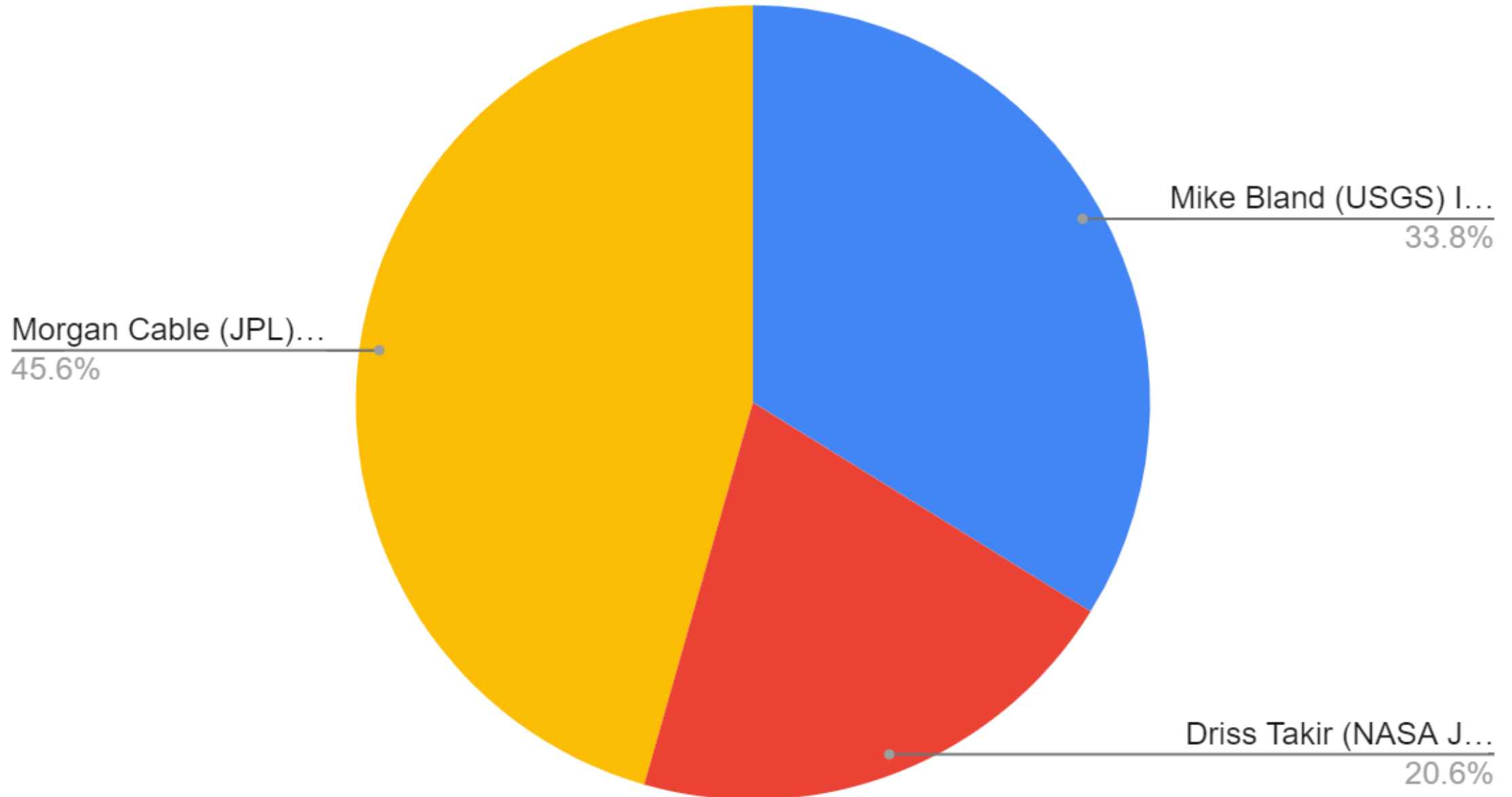
## The DPS Claudia J. Alexander Prize

- For excellence and achievements by a mid-career scientist
  - 8-25 years post terminal degree
- This new DPS Prize recognizes a mid-career scientist who has made and continues to make outstanding contributions that have significantly advanced our knowledge of planetary systems, including our solar system. These contributions can be experimental, observational, and/or theoretical in nature and achieved in the laboratory, office, and by observations with ground-based and space-based instruments and telescopes.





## Count of Choose 1 individual from the following list





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# Outgoing Chair Remarks

Amy Mainzer



# Thank you to the DPS Community

- DPS relies on volunteers, so thank you to the DPS Committee & Subcommittees for taking the time to serve the community, especially now
- Thanks especially to SOC and VOC Chairs Jennifer Hanley and Joe Masiero for volunteering to lead this year's meeting planning, and to Past Chair Amanda Hendrix for paving the way
- I'd like to acknowledge the kindness and support our community has shown for each other during an unprecedented international crisis and loss
- Thank you to the community for the work you do to raise awareness of science and the importance of science-based decision-making in our society
- Thank you all for the opportunity to serve you as DPS Chair, and you have a fantastic incoming Chair in Diana Blaney





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# Incoming Chair Remarks

Diana Blaney



# Focus Next Year for DPS

- Values/ Vision Statement
  - Use as a guide in the making of tough decisions
- Build on DEI Efforts
  - Bylaws changes
  - NSBP Partnership
    - First speaker at the next DPS
  - Look to expand to other organizations
- Advocacy for Planetary Science with stakeholders
  - RA funding
- Decadal Survey
- Return to in person DPS meeting in London, Ontario
  - Develop Hybrid Meeting Framework
  - NASA Foreign Travel



# Open Floor for Community Comment

- **Please enter questions/concerns in Zoom chat & Slack; we'll try to call on you to ask your question orally**



## Backup Slides



**Division for Planetary Sciences**

of the **AMERICAN ASTRONOMICAL SOCIETY**



# Webmaster's Report

Katie Gosmeyer

October 2021



# Webmaster Report

From Sep 2020 to Sep 2021:

- 32,155 visitors
- 109,157 page views
- Most popular page (15% traffic) [dps.aas.org/education/graduate-schools](https://dps.aas.org/education/graduate-schools)

What's new:

- Claudia J. Alexander Prize page [dps.aas.org/prizes/alexander](https://dps.aas.org/prizes/alexander)
- Maya Yanez will start as webmaster at the 2022 DPS meeting.

Reminders:

- Searchable Planetary Science REU and Graduate School databases: [dps.aas.org/education](https://dps.aas.org/education)
- Curated by David Klassen
- Updates to your entry? Please email [DPS.EdUpdate@aas.org](mailto:DPS.EdUpdate@aas.org)



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# DPS Environmental Affairs Subcommittee (DPSEAS)

- Recommends environmentally conscious actions to the DPS committee, such as
  - transferring from in-person-only meetings into hybrid meetings, and
  - improving the environmental sustainability of the in-person meetings
- Assists the DPS committee in the implementation of those actions
- Collaborates with the AAS Sustainability Committee and Astronomers for Planet Earth in developing more environmentally sustainable future in astronomy and planetary science and in communicating the relevant knowledge and actions to the DPS community

## Recent initiatives:

- Invest AAS funds to more environmentally friendly options (*e.g.*, divesting from fossil-fuel companies with not sufficient action to move to renewable energy sources)
- Hybrid-meeting planning committee to plan proper budgeting and inclusive implementation of future DPS meetings
  - Virtual component helps to accommodate participants with travel restrictions due to financial, social, or health issues in addition to decreasing travel-related greenhouse gas emissions

Open for new subcommittee members!



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# Professional Development Subcommittee Report

15 Sep, 2021

**Maitrayee Bose** [*my-tree* or *mai-tray-ee*], Chair  
Subcommittee Members: Kelsi Singer, Mark Gurwell,  
Jennifer Hanley, Audrey Martin, Maggie McAdams,  
Tom Nordheim, and Maya Yanez





# Succession Planning

- ❑ Current Chair: Maitrayee B.
  - ❑ Vice Chair: Maggie M.
  - ❑ Past chair: Candace Gray
- ❑ Longest serving member: Kelsi S.
  
- ❑ We can solicit for new members



# Virtual DPS21 Events

## 1) *Student Townhall* (Maya Y., Audrey M.)

- ❑ Date: Sunday, Oct. 03
- ❑ Time: 6:00 pm Eastern, 5:00 Central, 4:00 Mountain, 3:00 Pacific
- ❑ Format: Zoom
- ❑ Duration: 30 minutes

## 2) *Student and Early Career Reception* (Maya Y., Audrey M., Kelsi S.)

- ❑ Date: Sunday, Oct. 03
- ❑ Time: 6:30 pm Eastern, 5:30 Central, 4:30 Mountain, 3:30 Pacific
- ❑ Format: Gathertown
- ❑ Duration: 30 minutes
- ❑ Sponsor: SWRI

## 3) *Women in Planetary Science (WiPS) Discussion* (Maggie M., Audrey M., Kelsi S.)

- ❑ Date: Monday, Oct. 04
- ❑ Time: 5:00 pm Eastern, 4pm Central, 3pm Mountain, 2pm Pacific
- ❑ Format: Zoom
- ❑ Duration: 90 minutes (60 min formal program + 30 min open networking)
- ❑ Sponsor for this and many years: AURA

## 4) *Prof Dev. Workshops*: None during the conference week

- ❑ One event in June (see later slides)



# Virtual Meeting Subcommittee Budget

Anticipated 2021 Virtual Meeting Subcommittee Budget Requests will be less than 2020 – no direct costs to subcommittee for gathertown or zoom – however we did have the June event which we estimate will cost \$120 for one month of the AAS webinar license use.

See next slide for 2021 Dependent Care Grants



# 2021 DPS - Dependent Care Grants: A summary

Lead: Mark Gurwell

The DPS's Susan Niebur Professional Development Fund provides financial assistance to qualifying members in order to facilitate their meeting participation.

- For the 2021 Meeting, we have received two applications as of 14 September, and both will be funded.
- Both applications were for funds to offset care expenses for younger children during the meeting week.



# DPS Early-career workshop: Postdoctoral Opportunities in the Planetary Sciences

- *Date and Time:* 22<sup>nd</sup> June 2021, 11-noon (PT)
- *Panelists:* 13 (including Kelsi and Maitrayee)
- *Moderators:* Audrey Martin, Maya Yanez, Jonathan Zaloumis
- *Agenda:* Quick introductions to the panelist followed by Q&A from the audience
- *Slack:* Use to keep track of Q&A.



# Confirmed Panelist names

- NPP director: Joan Schmelz
- Mentors from various institutions: Jorge Nunez (APL), Justin Filiberto (JSC), Kelsi (SWRI), Maitrayee (Fellowships at Universities)
- NPP past and current: Michael Thorpe (NPP, Mars), Michelle Thompson (NPP, Mercury, asteroids), Liton Majumdar (NPP current, Goddard, comets), Rajani Dhingra (NPP current, JPL, Titan), Jessica Barnes (NPP, Moon)
- Other NASA fellowships: Alexander Thelen (NASA Astrobiology postdoctoral fellow; Titan), Katherine de Kleer (Pegasi Fellow, Galilean Satellites)
- NSF Postdoctoral Fellow: Karen Knierman (ASU)



# Attendance and Q&A

- 81 Attendees + 75 on slack
- Great discussion – Main Talking points:
  1. *How is the NPP different than the NSF postdoctoral fellowship?*
  2. *What are some general advice that can be provided to applicants?*
  3. *Can one propose a research idea outside of the students' field of expertise? If yes, how should the proposal be constructed?*
  4. *What other criteria is used to assess the application materials?*
  5. *Can relocation costs be included in the budget?*
  6. *When will the NPP be open to foreigners, and them working remotely?*
  7. *Can one change research topics after the first postdoc?*





# Federal Relations Subcommittee



- NASA's FY2021 Planetary Sciences Budget is strong at \$2.7B, with a 19% increase to \$3.2B on track for FY2022
- FRS Hill Visit right before Covid-shutdown, March 4&5, 2020
- DPS Committee Hill Visit not planned last year owing to the pandemic
- <https://aas.org/policy/advocacy-resources>



***Communicating with Congress is crucial***

***We're happy to help plan your own Hill visit*** [dps.frschair@aas.org](mailto:dps.frschair@aas.org), [dpsfrs@aas.org](mailto:dpsfrs@aas.org)





# Federal Budget Status

- <https://www.aip.org/fyi/federal-science-budget-tracker>
- Senate FY22 Appropriations is in work now
- Our present advocacy focuses on the Planetary research and analysis budgets

FY22 NASA Science Appropriations (\$ millions, COVID-19 response and recovery funds excluded)										
Account	FY20 Operating Plan	FY21 Enacted	FY22 Request	Change 21-22	House	Change 21-22	Senate	Change 21-22	Final	Change 21-22
Science Mission Directorate	7,143	7,301	7,931	9%	7,970	9%				
Earth Science	1,972	2,000	2,250	13%	2,250	13%				
Planetary Science	2,713	2,700	3,200	19%	3,235	20%				
Astrophysics	1,306	1,356	1,400	3%	1,446	7%				
James Webb Space Telescope	423	415	175	-58%	175	-58%				
Heliophysics	725	751	797	6%	773	3%				
Biological and Physical Sciences	5	79	109	38%	90	14%				

All figures are in millions of nominal U.S. dollars and are rounded to the nearest million. The percentage changes are rounded to the nearest percent and are relative to FY21 enacted levels