



DPS Member's Meeting 2019

17 September 2019
Geneva, Switzerland



Division for Planetary Sciences

of the **AMERICAN ASTRONOMICAL SOCIETY**



Call Meeting to Order

Linda Spilker



Chair Opening Remarks

- Shortened DPS Members meeting this year to accommodate packed schedule for joint EPSC-DPS meeting and to provide time for lunch at the end of the meeting
 - Some reports are in backup material
 - Presentations will be posted on DPS website
- Left time at the end for your comments and questions, but feel free to contact me, Amanda or any of the DPS committee members for more discussion after the meeting
- Anne Verbiscer is serving one more year as DPS secretary. If you are interested in learning more about this role, please contact Anne.
- *200 lunch bags* will be available after the Members meeting for meeting attendees. Thanks to PSI for their sponsorship of the lunches!





Congratulations to DPS Prize Winners





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Secretary's Report

Anne Verbiscer



In Memoriam

Joshua Bandfield



Jay Bergstralh



Lonne Lane



José Flores Velázquez



Andrea Milani



Nancy Grace Roman



Ed Smith



Laurel Wilkening



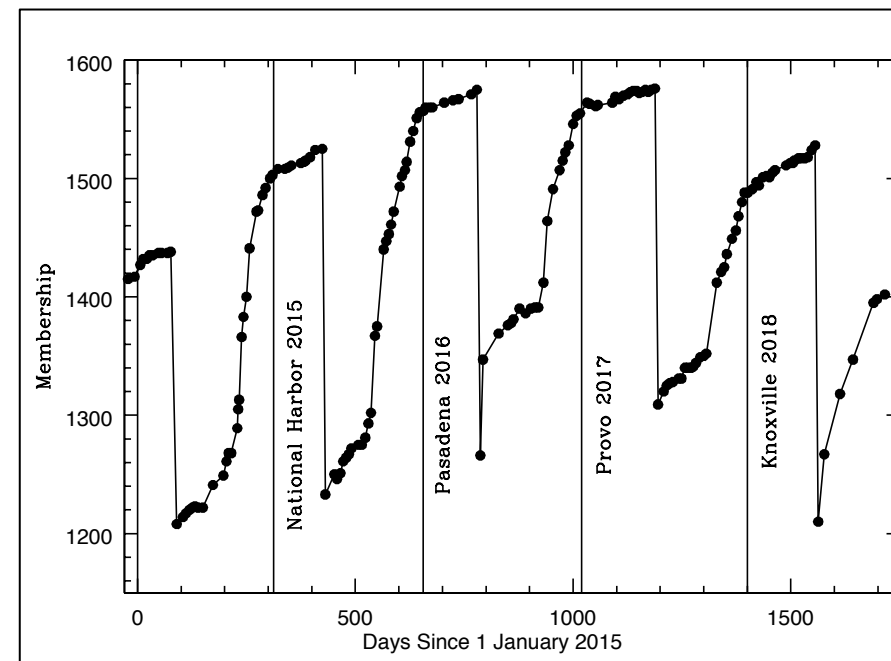


Membership

- Current active membership: **1402**. Non-US fraction is unchanged: 15%

Renew your membership and pay your dues before 31 Dec. 2019 to avoid being dropped from the membership in February.

- Pay your 2020 membership dues online at <https://my.aas.org/services>
- Remember that your AAS membership benefits include 15% off the author charges for one paper published in an AAS Journal such as *The Planetary Science Journal*



Elections

Remember to vote !!

571 people voted this year! **41%** of our membership, compared to 16% last year. THANK YOU!

Bylaws changes were approved by 96%. New AAS voting system used unique links for each member.

Newsletters

42 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 when it is ready for distribution to the DPS Membership. Thank you.



DPS Incoming Officers, Committee Members, Subcommittee Chairs

Amanda Hendrix
DPS Chair



Amy Mainzer
DPS Vice Chair



Kurt Retherford
Federal Relations Officer



Dana Hurley
DPS Committee



Noemi Pinilla-Alonso
DPS Committee



Carrie Nugent, Chair
Nominating Subcommittee



Brian Jackson
Deputy EPO Officer





DPS Outgoing Officers, Committee Members, and Subcommittee Chair

Linda Spilker
DPS Chair -> Past Chair



Cathy Olkin
DPS Past Chair



Catherine Neish
DPS Committee



Britney Schmidt
DPS Committee



Yvonne Pendleton, Chair
Nominating Subcommittee





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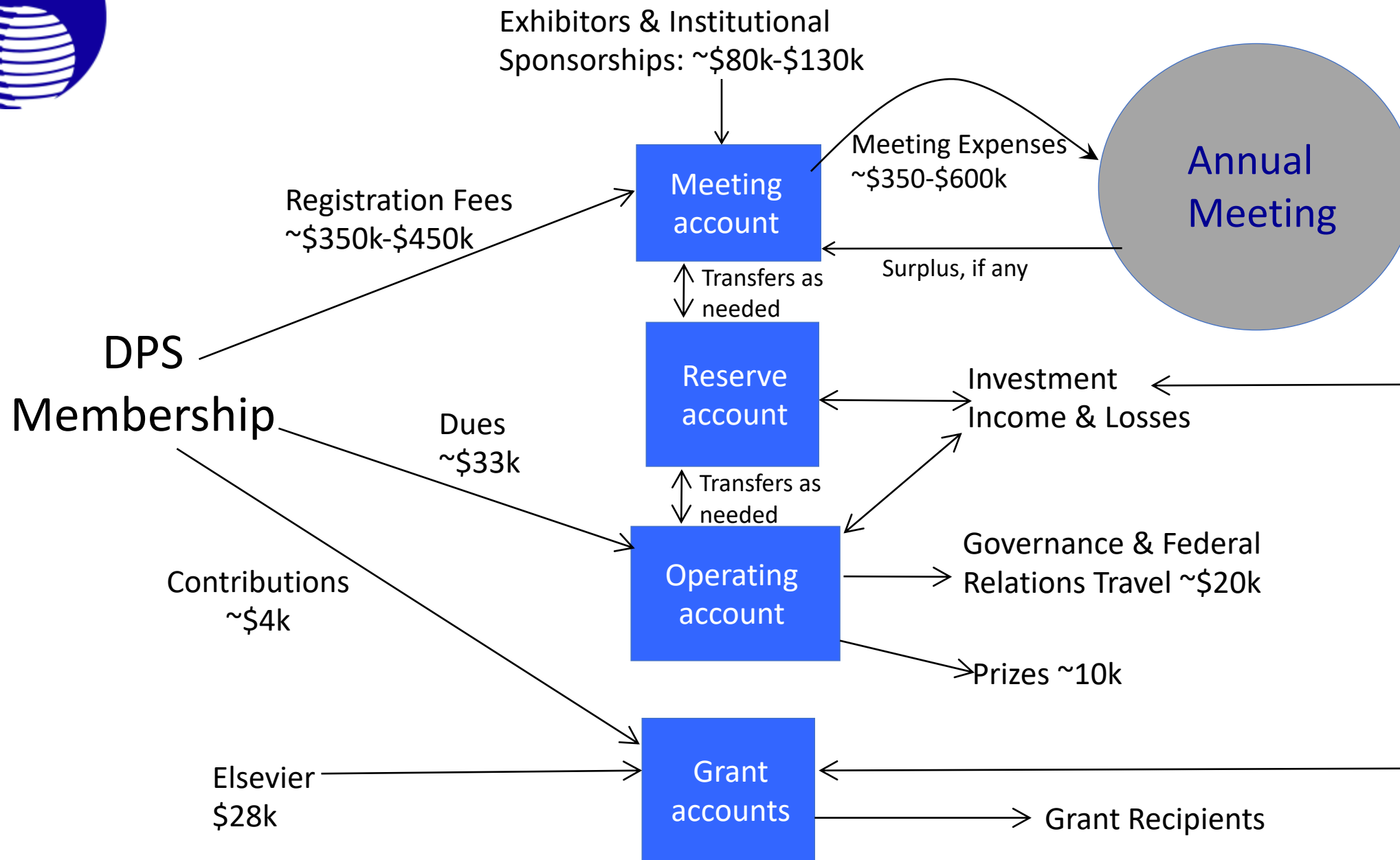


Treasurer Report

Tony Roman



DPS Annual Cash Flow





Accounts	8/31/19 Balance
Assets	
Cash and Bank Accounts	
Annual Meeting	11,000.00
Hartmann Grant	163,368.51
Kuiper & Urey Prizes	1,608.55
Masursky Prize	7,414.59
Niebur Grant	51,818.00
Operating	276,549.76
Reserve	670,028.15
Sagan Prize	8,787.50
Total Cash and Bank Accounts	1,190,575.06
Total Assets	1,190,575.06
Liabilities & Equity	
Liabilities	
Credit Cards	
VISA	0.00
Total Credit Cards	0.00
Total Liabilities	0.00



Hartmann Student Travel Grant Awards

- Funded 24 Student Travel Grants for a total of \$12,000 (\$500 ea.)
- Funded students from variety of disciplines
- Grantees
 - 21 PhD candidates, 1 undergrad, 2 postdocs
 - From 19 different institutions
 - From 3 different countries (considered primarily non-European countries this year, given that Europlanet also provided student travel grants)



Bylaws Changes

- Compatibility with recent changes to AAS bylaws
- Compatibility with recent changes to AAS membership classes
 - All classes can join DPS
 - All classes can vote in DPS leadership elections
 - Most classes can hold DPS leadership positions
- Removed nomination requirement for affiliate membership
- Added Federal Relations Officer
- Added Student Representative
- Removed Secretary/Treasurer Officer
 - Have been using separate offices of Secretary and Treasurer since 2003



Reminders

**Graduate
school & REU
program
databases!**

- Don't be shy to contact me if information is missing/incorrect/badly linked!

DPS.Webmaster@aaas.org

The screenshot shows the website of the Division for Planetary Sciences (DPS) of the American Astronomical Society (AAS). The header includes the DPS logo, the text "Division for Planetary Sciences of the AMERICAN ASTRONOMICAL SOCIETY", and the AAS logo. A search bar is on the right. Below the header is a navigation bar with links: MEETINGS, PUBLICATIONS, ADVOCACY, EDUCATION, CAREERS, MEMBERSHIP, LEADERSHIP, PRIZES, and PRESS. The "EDUCATION" and "CAREERS" links are highlighted with orange boxes. An orange arrow points from the "EDUCATION" link to a news article titled "AAS Division For Planetary Sciences Announces 2019 Prize Winners". Another orange arrow points from the "CAREERS" link to the text "Job listings!". At the bottom of the page, a blue footer contains contact information and a link to the "Photos" gallery, which is also highlighted with an orange box and an arrow pointing to the text "Photo gallery!".

Job listings!

Photo gallery!



For More Information

DPS.Treasurer@aas.org



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Description of Nominating Subcommittee Member Election

Carrie Nugent



Nominating Subcommittee Nominations



Nominating Subcommittee Voting

- Please vote by writing the name of the individual on the card being provided
- Return folded paper to a DPS member
- Thank you!



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DPS Prize Update Committee Report

Cathy Olkin



Prize Update Subcommittee Report

We convened a subcommittee to update the prize descriptions. These proposed changes were iterated with the DPS Committee and then ratified. Here is a summary of the changes:

- More consolidated information is now provided on the **Nomination** Page, including:
 - What is meant by 'Planetary Science'
 - Expectation that a candidate for nomination follows the AAS Code of Ethics and actively promotes AAS core values.
- A new page on Prize Subcommittee Procedures is added, which describes the selection procedure.



Prize Update Subcommittee Report

- The [Harold C. Urey Prize](#) candidates now have **NO age requirement and the time since PhD has increased from 6 to 8 years**. Also some text on criteria for consideration was added.
- The [Gerard P. Kuiper Prize](#): A description of some criteria for consideration was added (innovative and creative nature of the work, leadership in the field, and collaboration).
- The [Harold Masursky Award](#): **We removed: ‘The Masursky Award is generally given for accomplishments outside of the normal work duties of the nominee’.** This was not the original intention of the award.
- The [Carl Sagan Medal](#): No significant changes.
- The [Jonathan Eberhart Planetary Sciences Journalism Award](#): No changes.
- <https://dps.aas.org/prizes/>
- **All DPS members are encouraged to submit prize nominations!**



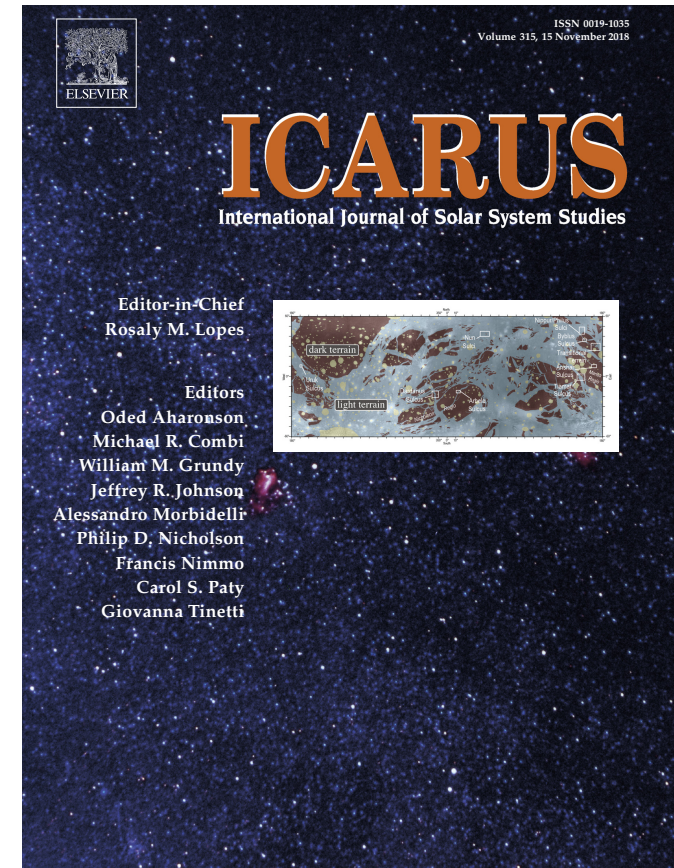
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Icarus Editor's Report

Rosaly Lopes



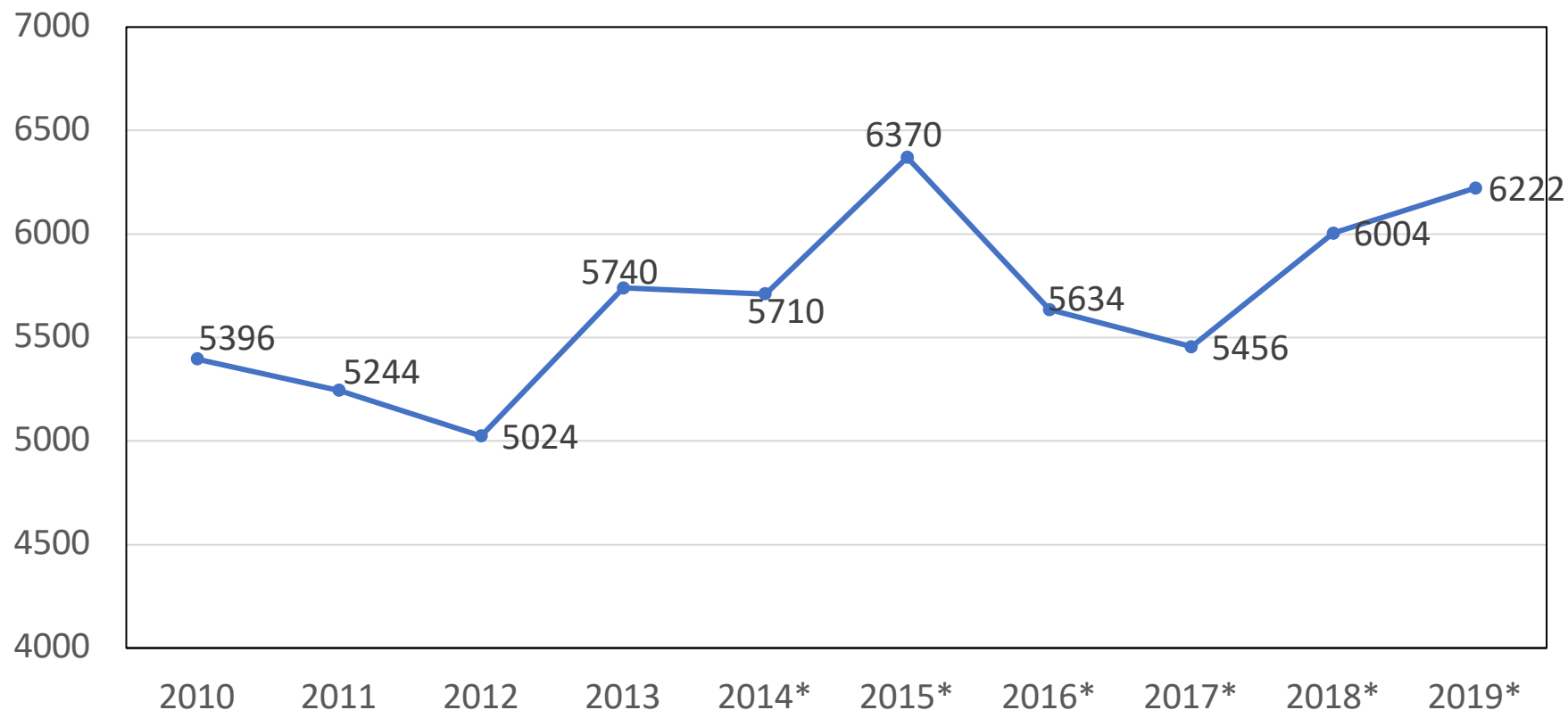


News

- Departing Associate Editors: Jeff Johnson and Francis Nimmo
- New Associate Editors for Mars:
Debra Buczowski, Johns Hopkins Applied Physics Laboratory
Elizabeth (Liz) Rampe, NASA Johnson Space Center
- Searching for a new Associate Editor to take over from Nimmo
- New Guide to Authors to be available soon
- Transition to Editorial Manager system in early 2020
- Twitter: @IcarusJournal



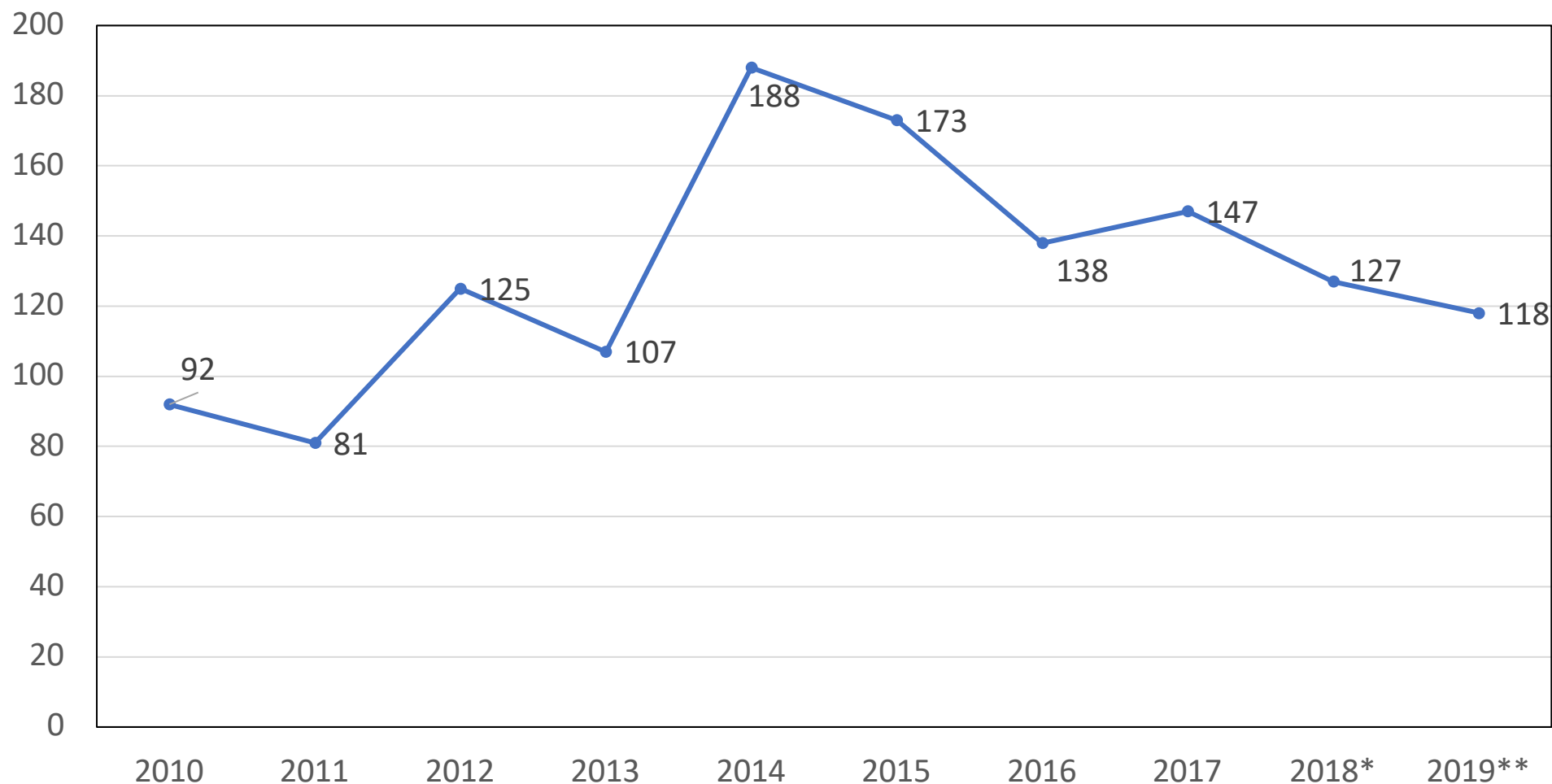
Annual Pages Published by Volume Year



*2014, 2015, 2016, 2017, 2018 and 2019 counts based on 18 issues per year.



Number of Manuscripts Rejected/Withdrawn Over 10-Year Period



*We studied the gender distribution of 2018 papers and found that of 127 total papers, 101 were by men, 21 by women, and 5 whose gender couldn't be determined based on Google searches.

**2019 is YTD



Special Issue Update

Special Issue Title	Status	Details	Comments
Dawn Mission: Composition of Ceres	Published	2019 volume	Published in v. 318
Dawn Mission: The Formation and Evolution of Ceres' Occator Crater	Published	2019 volume	Published in v. 318
Tunguska	Published	2019 volume	Published in v. 318
Transneptunian Objects	Published	2019 volume	Published in v. 334
From Mars Express to ExoMars	In progress	14 papers submitted: 1 Withdrawn; 3 Under Revision; 4 Accepted; 6 Under Review	2020
Late Mars Workshop	In progress	12 papers submitted: 1 Rejected; 2 Under Revision; 3 Accepted; 6 Under Review	2020
Cassini Grand Finale	In progress	26 papers submitted: 2 Rejected; 9 Under Revision; 11 Accepted; 4 Under Review	2020
New Horizons: Kuiper Belt Objects	In progress	1 paper submitted: 1 Under Review	2020



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Publications Subcommittee Report

Ross Beyer



DPS continues to endorse Icarus

- DPS / Elsevier agreement continues through next year, and we expect our partnership to continue.
- Discounted member subscription rates continue to be available.



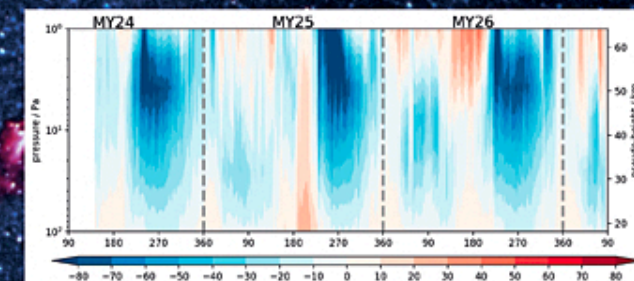
ISSN 0019-1035
Volume 333, 15 November 2019

ICARUS

International Journal of Solar System Studies

Editor-in-Chief
Rosaly M. Lopes

Editors
Oded Aharonson
Michael R. Combi
William M. Grundy
Jeffrey R. Johnson
Juan Lora
Alessandro Morbidelli
Philip D. Nicholson
Carol S. Paty
Darrell Strobel

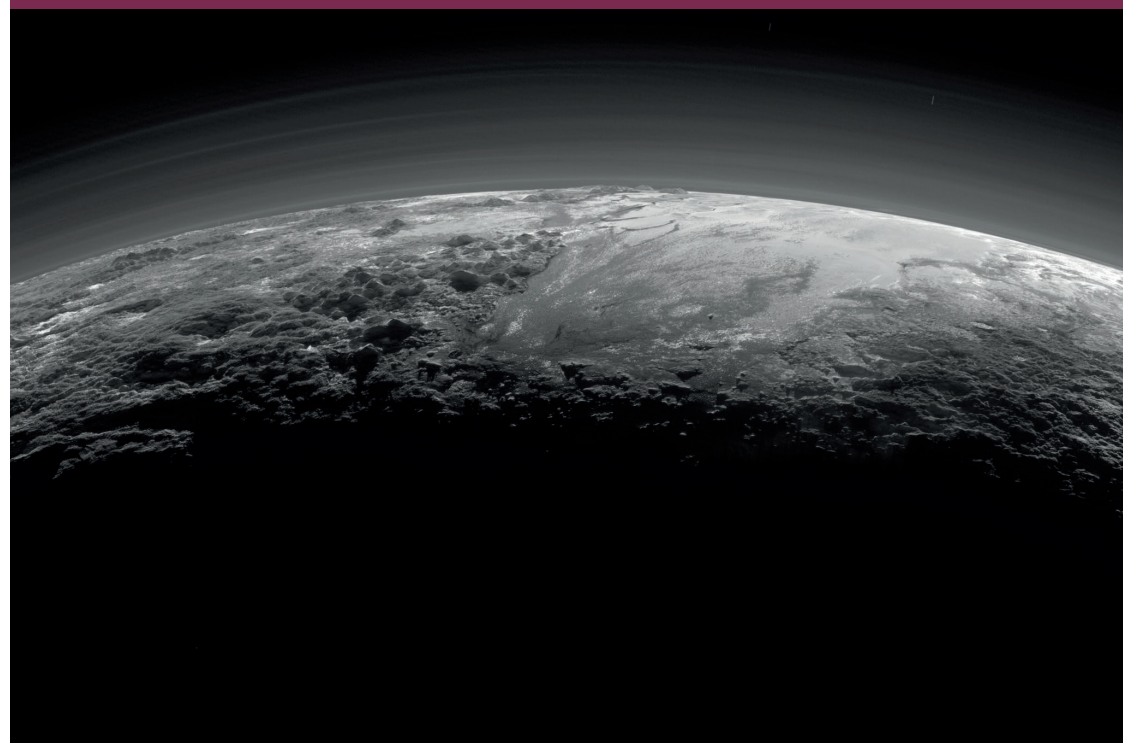




DPS launches the PSJ

- Sibling journal of ApJ, AJ, etc.
- Gold Open Access: all articles are freely available online immediately and forever
- Editorial policies directed by the DPS
- Still taking applications for the Editor (20% time paid position)
- Consider saying yes, if you are asked to serve as a 'Science Editor'
- When submissions are open, consider submitting your work to the PSJ.

THE PLANETARY SCIENCE JOURNAL





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Joint EPSC-DPS 2019 Meeting Update

Joe Spitale (SOC Co-Chair)

Devon Burr (SOC Vice-Chair)

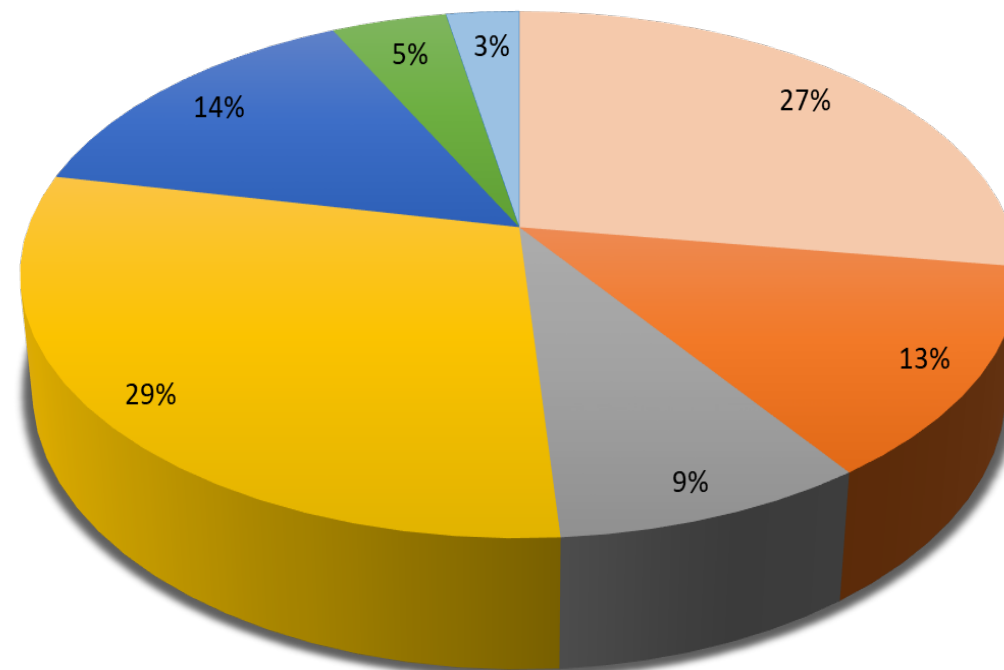
Josh Emery (LOC Chair)



SOC update

M. Cristina De Sanctis F. Sohl
J. Spitale D. Burr

- Total abstracts: 1938
 - Oral: 1062 (55%)
 - Poster: 876 (45%)
 - Late posters: 55
 - Oral reassignment rate: 25%
- Program groups: 6
- Sessions: 58
- Splinter meetings / workshops: 39
- Community events: 16



- TP Terrestrial Planets
- OPS Outer Planet Systems
- MIT Missions, Instrumentation, Techniques
- SB Small Bodies (comets, KBOs, rings, asteroids, meteorites, dust)
- EXO Exoplanets and Origins
- ODA Outreach, Diversity, Amateur Astronomy



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2020 DPS Meeting Update

Jason Barnes (LOC)

Lucy Lim (SOC)



Spokane, WA
DPS 2020

Oct 25-30

Lodging per
diem: \$108





Future DPS Meetings

- 2021 DPS Meeting, October 3rd – 8th
 - Providence, RI
 - LOC: Jason Soderblom
 - SOC: TBD
- 2022 Joint DPS-EPSC Meeting, October 2nd – 7th,
 - London, Ontario
 - LOC: Catherine Neish
 - SOC: John Moores
- 2023 DPS Meeting: TBD



Announcement of Nomination Subcommittee Member

And the winner is.....

drum roll





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Outgoing Chair Remarks

Linda Spilker



Thank you!

- EPSC for hosting this science-packed meeting in Geneva
 - Jean-Pierre Lebreton as EPSC Chair, and Anita Heward as Deputy Chair
- Special thanks to:
 - Anne Verbiscer, Tony Roman, Amanda Hendrix, Cathy Olkin and Ross Beyer
 - Joe Spitale, Devon Burr and Josh Emery for SOC/LOC support for this meeting
 - DPS Committee and DPS subcommittee members
- All of you for your continued support of DPS!

DPS 100TH ANNIVERSARY MEETING



A ONCE IN A LIFETIME GETAWAY

THE GRAND TOUR





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Incoming Chair Remarks

Amanda Hendrix



Open Mic for Community Comment



Backup Slides



DPS Prizes

- The DPS sponsors five prizes:
- The [Gerard P. Kuiper Prize](#) honors outstanding contributions to the field of planetary science.
- The [Harold C. Urey Prize](#) recognizes outstanding achievement in planetary research by a young 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.
- Nominations are considered for three years or for the duration of the candidate's eligibility.
- 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>



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Press Officer's Report

Shantanu Naidu



Eberhart Award and Press Conferences

Eberhart Award

- Rule change for Eberhart award: Only two entries per author instead of three
- We received 18 entries: 13 new submissions and 5 carried over from 2018.
- Winner: Rebecca Boyle for article titled “Pictures of Worlds to Come”

Press Conferences

- Joint EPSC/DPS press team: Anita Heward, Livia Giacomini, Adriana Postiglione, Shantanu Naidu, Pierre Bratschi
- Monday-Friday 12:15pm – 1:15 pm in Room 17 + live streaming.
- Topics include Bennu, Ryugu, AIDA and CHEOPS space missions.



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Education Officer's Report

Sanlyn Buxner



Education Update DPS 2019

- New Education Deputy Officer – Brian Jackson, Boise State
- Early Career Scientist Review (2 sessions) at joint EPSC/DPS Meeting
- Online Resources: Graduate school and REU Program Database for Planetary Science
- Revision of Website for Outreach Resources based on membership input
- Planning for Spokane – teacher workshop, scientist workshop, undergraduate visits



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Webmaster's Report

Katie Gosmeyer



DPS Website Updates

- AAS member site transitioned members.aas.org -> my.aas.org. Broken links on dps.aas.org? Email DPS.Webmaster@aas.org
- DPS Photo Gallery: photos.aas.org/DPS
 - For contribution instructions, email DPS.Webmaster@aas.org
- New bylaws: dps.aas.org/bylaws
- Searchable Planetary Science REU and Graduate School databases: dps.aas.org/education
 - Curated by David Klassen
 - Updates to your entry? Please email DPS.EdUpdate@aas.org



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Historian's Report

Dale Cruikshank



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Federal Relation Subcommittee's Report

Kurt Retherford



Federal Relations Subcommittee



- NASA's FY2019 Planetary Sciences Budget is strong at \$2.75B
- New AAS Bahcall Public Policy fellow Kelsie Krafton (*previous fellow Ashley Wilkins was hired onto a key subcommittee staff!*)
- FRS Hill Visit during Dec. 2018 AGU meeting
- DPS Committee Hill Visit May 2019
- AAS-led Congressional Visit Days w/ DPS folks
- <https://aas.org/policy/advocacy-resources>

AAS **AMERICAN ASTRONOMICAL SOCIETY**
Enhancing and sharing humanity's scientific understanding of the universe since 1899.

Decadal Surveys
The National Academy of Sciences' decadal surveys are scientific community-based and recommend **ranked, consensus scientific priorities** for the coming decade.
The decadal surveys' overriding priority has been a **balanced program**...

- across discipline and mission size
- between competed and strategic programs
- between facilities and grants

...to **optimize return on taxpayer investment.**

New Worlds, New Horizons
Astronomy and Astrophysics

VISION VOYAGES
Planetary Science

SOLAR AND SPACE PHYSICS
Solar and Space Physics

Missions and Facilities

Small and Mid-Scale
Competed | Investigator-led | Focused Science
NASA InSight
NASA Juno
NASA Psyche
NASA OSIRIS-REX

Flagship
Directed | Broad Science | Community Instruments
NASA Europa Clipper
Mars 2020 Rover
NSF LSST
Large Synoptic Survey Telescope

Competed Grants
Awards are based on the **scientific merit** and **breadth of impact** of proposed research.
NASA, NSF, and DOE fund **students and researchers in all fifty states** across the academic, industry, government, and nonprofit sectors.

Left: NSF-funded researchers used the Gemini Observatory to characterize the first known interstellar object in our Solar System, 'Oumuamua

2017 Total Solar Eclipse/NASA H&A
T 202-328-2010 public.policy@aas.org http://www.aas.org

***Communicating
with Congress
is crucial***

***We're happy to
help plan your
own Hill visit***

[dps.frschair@aas.o
rg](mailto:dps.frschair@aas.org)

dpsfrs@aas.org



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Professional Development Subcommittee's Report

Candace Gray



Making DPS more equitable, diverse, & inclusive

- Members: Candace Gray, Kelsi Singer, Mark Gurwell, Maitrayee Bose, Audrey Martin, Maggie McAdams, Jennifer Hanley, Tom Nordheim, and Maya Yanez
- Events:
 - ☐ Women in Planetary Science Lunch
 - ☐ 95 signed up as of Aug 28
 - ☐ SWRI donated funds to cover food costs
 - ☐ No Post Doc and Student Reception this year due to venue scheduling constraints
 - ☐ Combined with European Planetary Early Career (EPEC) group for weekly events
- Neiber Awards:
 - ☐ 7 applicants
 - ☐ Awarded \$400/applicant
 - ☐ Will use \$2800 of the allocated \$3200



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Professional Culture and Climate Subcommittee Report

Julie Rathbun



Making DPS more equitable, diverse, & inclusive

Members

- Julie Rathbun (PSI), Chair
- Serina Diniega (JPL), co-chair
- Shawn Brooks (JPL)
- Sarah Hörst (JHU)
- Kathleen Mandt* (APL)
- Jennifer Piatek (Central Conn. State U.)
- Edgard Rivera-Valentin (LPI)
- Rebecca Schindhelm (Ball)
- Alejandro Soto (SWRI)
- Matt Tiscareno (SETI)
- Cristina Thomas (NAU)

*rotating off

- Presentations on EDI issues at DPS, LPSC, Women in Space
- Updated PCCS web page w/more info
- Assisted DPS Committee with:
 - Writing up Prize guidelines
 - Editing meeting guide
 - 2019 meeting code of conduct and harassment reporting structure (w/Europlanet Diversity panel)
 - Post-meeting survey to be sent to non-attendees
- 2019 Recommendations to DPS committee:
 - Make diversity changes standard practice
 - Take the lead on getting workforce issues in next planetary decadal survey
 - Collect demographic information on prize winners.

