

DPS Member's Meeting 2018



In Memoriam

Michael Belton Bill Blass Daniel Gautier Louise G. Young









Brad Smith



Bill Ward



John Westfall





of the AMERICAN ASTRONOMICAL SOCIETY

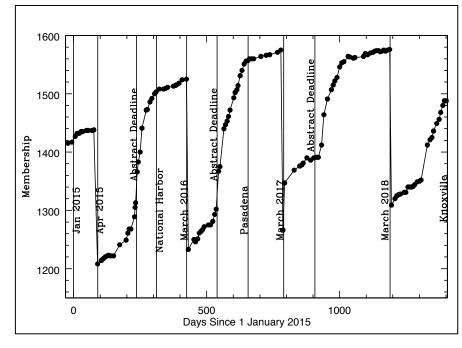
Secretary's Report

Anne Verbiscer October 24, 2018 Knoxville, TN



Membership

- Current active membership: 1488 67 fewer than last year at the same time. Non-US fraction 16%
- Renew your membership and pay your dues TODAY, before 31 Dec. 2018 to avoid being dropped from the membership in February.
 - Pay your 2019 membership dues online at https://members.aas.org/



- When renewing, please update your personal DPS member file
- Please email any requests (dpssec@aas.org) for membership information. I am more than happy to provide member info. upon request. Thanks!

Elections

Remember to vote!!

219 people voted this year (only **16%** of our membership, compared to 25% last year).

Please take the time to express your preferences for DPS leadership positions through the DPS elections



DPS Incoming Officers, Committee Members, Subcommittee Chairs

Linda Spilker (Chair)

Amanda Hendrix (Vice Chair)

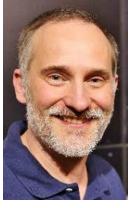


Will Grundy Krista Soderlund

DPS Committee Members

Serina Diniega *PCCS Co-Chair*

Yvonne Pendleton *Nominating Chair*











DPS Outgoing Officers, Committee Members, and Subcommittee Chair

Cathy Olkin Lu (Chair-> Past Chair)

Lucy McFadden (Past Chair)

n Con Tsang
(Deputy Press Officer)







Carly Howett (Committee)

Joe Spitale (Committee)

Kelsi Singer (Nominating)









DPS Newsletters

- •44 issues so far this year. Thanks to Webmaster Katie Gosmeyer for posting these online.
- •Happy to include any news sent for meeting announcements, special issues and job opportunities. Send complete title and content of your announcement to dpsec@aas.org
- The **Job announcements** in particular are well appreciated and on the rise, we get many requests. I am happy to advertise them in the newsletter and they also get posted on the web site (contacts: Jason Barnes and Tony Roman, dpsjobs@aas.org). Also note the

DPS PLANETARY JOBS REGISTER:

http://dps.aas.org/jobs

Each job listed has its associated position type, geographical location, category, title, and due date listed. Each of these fields can be sorted. This DPS jobs site can be a central repository for any and all planetary jobs, from geochemistry to astrophysics. Posting of jobs is free. If you have a position to post, please fill out the jobs submission form at: http://dps.aas.org/node/add/job





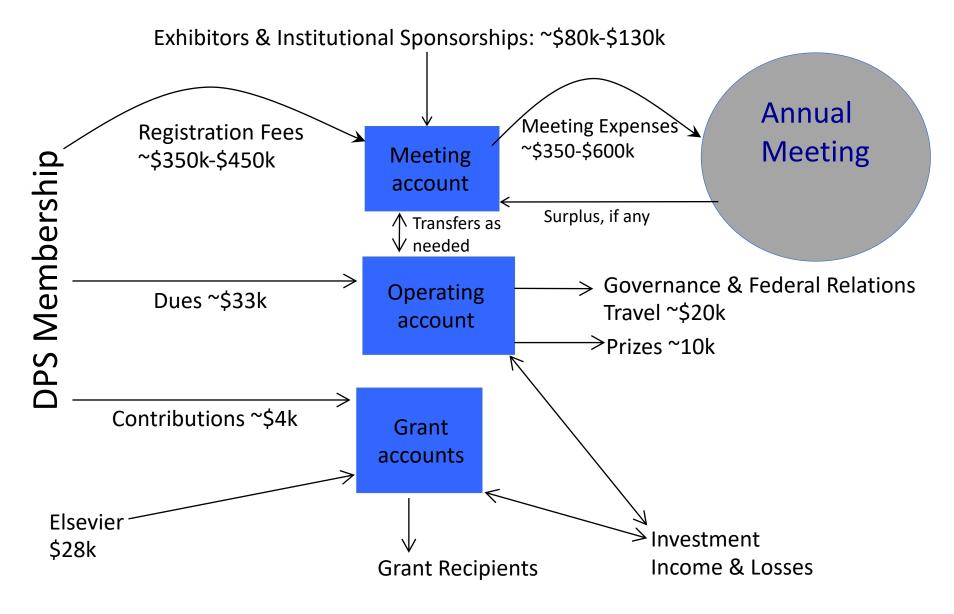
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Treasurer Report

Tony Roman October 24, 2018 Knoxville, TN



DPS Annual Cash Flow





Knoxville Meeting Revenue as of October 23, 2018

	Budget	Actual	Difference
Registration			
Total Registrants		763	
Registration Revenue	\$409,710	\$379,735	\$29,975
Exhibit & Sponsor Revenue	\$90,500	\$94,200	\$3,700
Banquet			
Full Member Registrations	100	101	1
Student Registrations	50	41	9



Accounts	9/30/18 Balance
Assets	
Cash and Bank Accounts Annual Meeting Eberhart Prize Hartmann Grant Kuiper & Urey Prizes Masursky Prize Niebur Grant Operating Sagan Prize	600,004.57 82,370.08 53,518.84 6,296.49 7,884.38 19,415.73 738,500.25 10,444.15
Total Cash and Bank Accounts	1,518,434.49
Total Assets	1,518,434.49
Liabilities & Equity	
Liabilities Credit Cards VISA Total Credit Cards	708.40
Total Liabilities	708.40



Funding Changes for Grants

- Grants
 - William K. Hartmann Student Travel Grant
 - Susan Niebur Dependent Care Grant
- Previously
 - DPS Committee made annual funding decisions based on funds available at the time from various sources: donations received that year, investment income, operating funds
 - Significant variation from year to year
- Now
 - Build endowment funds
 - Consistently spend 4% of the funds each year
 - More financially sustainable approach
- Donate
 - During membership renewal
 - During meeting registration



For More Information

DPS.Treasurer@aas.org





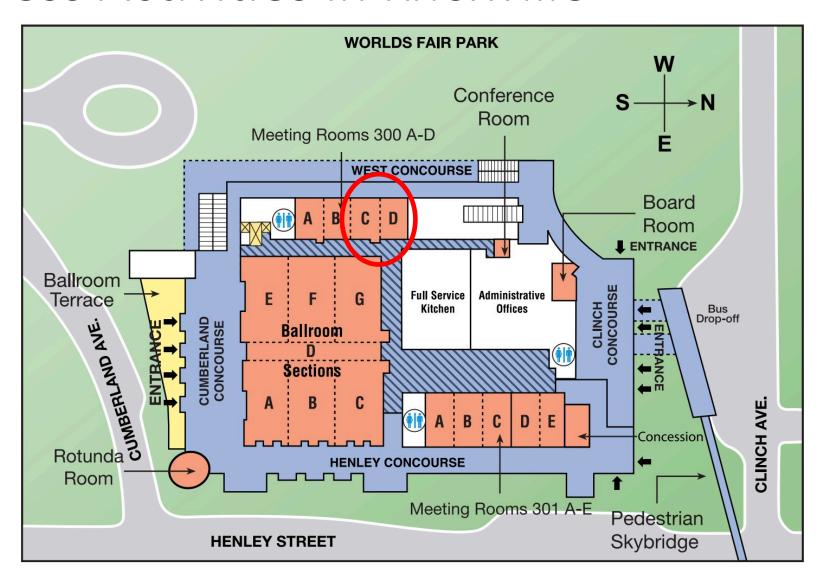
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Press Officer's Report

Shantanu Naidu (Presented by Cathy Olkin) October 24, 2018 Knoxville, TN



Press Activities in Knoxville





Press Activities in Knoxville

- Eberhart award goes to Alexandra Witze for her article in Nature titled "Next Stop, Mars"
- Press conferences will take place in room 300D on the third floor and the press office is room 300C. Anyone is welcome to attend.
- 16 press presentations over 4 days from Monday to Thursday.
- Topics on Monday and Tuesday include Europa, Jupiter, asteroids, and Triton.
- Press conferences related to on-going space missions on Wednesday and Thursday:
 - On Wednesday we have "New Horizons Beyond Pluto: The Ultima Flyby."
 - On Thursday we have "Hayabusa2 Explores Asteroid Ryugu"
- Details on https://aas.org/meetings/dps50/press-kit or on the meeting app.
- Thanks to Kerry Hensley (AAS media fellow) and Rick Fienberg (AAS press officer) for help.





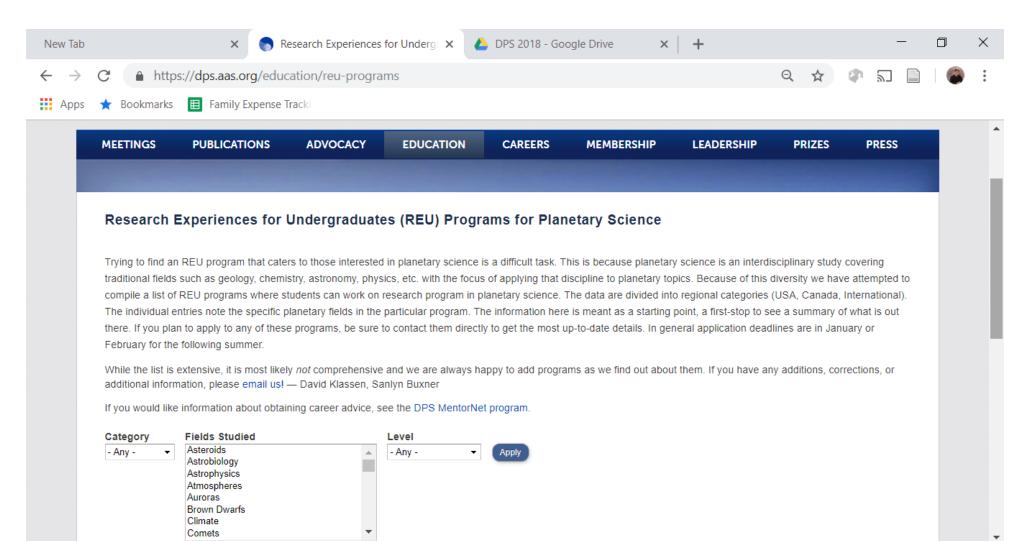
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Education Officer's Report

Sanlyn Buxner October 24, 2018 Knoxville, TN



Online Resources: Graduate school and *new* REU Program Database for Planetary Science





Education Related Activities DPS50

- Early Career Scientist Review (4 sessions)
- Education and Outreach Shareathon
- Oral and poster sessions
- Undergraduate and K-12 student visits to DPS
- Sagan Medal Public Talk
- Public planetarium shows and telescope observing (International Observe the Moon Night)
- Student/post doc reception





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Webmaster's Report

Katie Gosmeyer October 24, 2018 Knoxville, TN



Webmaster Report

- 2018 Additions
 - New home for DPS meeting photos:
 - https://photos.aas.org/DPS
 - Searchable REU program database (content thanks to David Klassen!):
 - https://dps.aas.org/education/reu-programs
- Contact
 - Updates to Graduate and REU program pages: DPS.EdUpdate@aas.org
 - Everything else: DPS.Webmaster@aas.org



We have a website!

https://dps.aas.org



Division for Planetary Sciences

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MEETINGS PUBLICATIONS ADVOCACY EDUCATION CAREERS MEMBERSHIP LEADERSHIP PRIZES PRESS

https://dps.aas.org/education/reu-programs

Research Experiences for Undergraduates (REU) Programs for Planetary Science

Trying to find an REU program that caters to those interested in planetary science is a difficult task. This is because planetary science is an interdisciplinary study covering traditional fields such as geology, chemistry, astronomy, physics, etc. with the focus of applying that discipline to planetary topics. Because of this diversity we have attempted to compile a list of REU programs where students can work on research program in planetary science. The data are divided into regional categories (USA, Canada, International). The individual entries note the specific planetary fields in the particular program. The information here is meant as a starting point, a first-stop to see a summary of what is out there. If you plan to apply to any of these programs, be sure to contact them directly to get the most up-to-date details. In general application deadlines are in January or February for the following summer.

While the list is extensive, it is most likely *not* comprehensive and we are always happy to add programs as we find out about them. If you have any additions, corrections, or additional information, please email us! — David Klassen, Sanlyn Buxner

If you would like information about obtaining career advice, see the DPS MentorNet program.

Category	Fields Studied	Level	
- Any -	Asteroids Astrobiology Astrophysics Atmospheres Auroras Brown Dwarfs Climate Comets	- Any -	Apply

Institution	Department
Academia Sinica	Institute of Astronomy and Astrophysics
American Museum of Natural History	Richard Gilder Graduate School



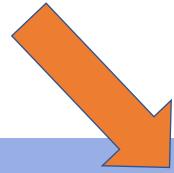
https://dps.aas.org/history/dps-history

Photos

- DPS Photo Archive
- Henry Throop's DPS meeting photos
 - Provo 2017
 - Pasadena 2016
 - National Harbor 2015
 - Denver 2013
 - Nantes 2011
 - Fajardo 2009
- Old DPS Photo Archive

Leadership History

- Officers
- Committee Members
- Subcommittees
 - Federal Relations
 - Icarus
 - Nominating
 - Prize



Reports I Photos I History I Bylaws

The DPS is a Division of the 44 American Astronomical Society.

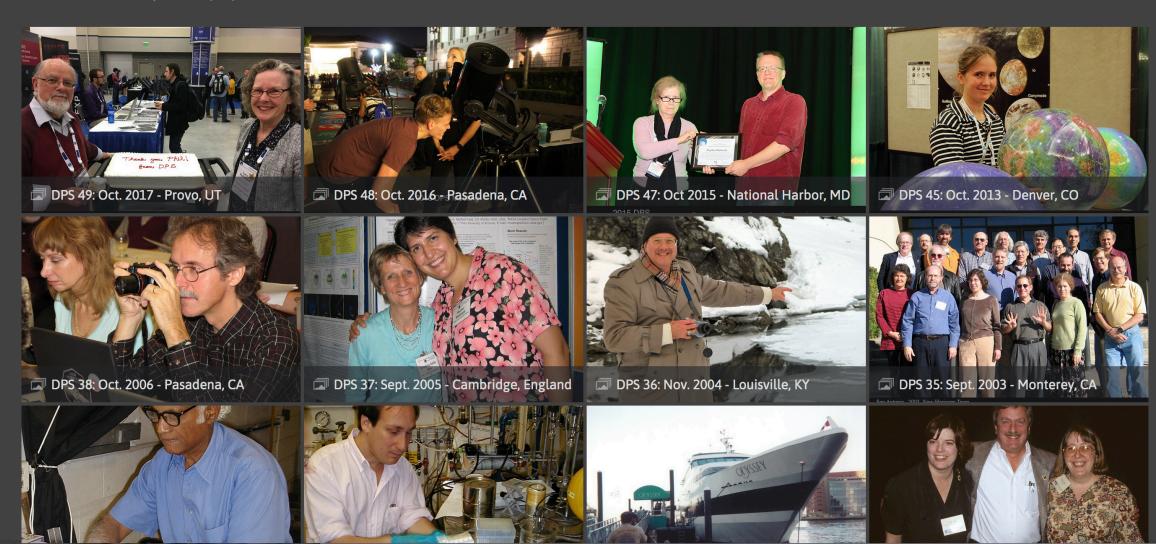
Send questions, comments, updates to DPS.Webmaster@aas.org

Send graduate school and REU program updates to DPS.EdUpdate@aas.org

PHOTOS HOME BROWSE SEARCH DPS AAS HOME

https://photos.aas.org/DPS

♠ > Division for Planetary Sciences (DPS)







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Historian's Report

Dale Cruikshank October 24, 2018 Knoxville, TN



1. Thanks to the continued efforts of Melissa McGrath ---

-Scanning of the historical documents of the DPS continues.

Most of the sorting has been completed.

Most of the critical documents have been scanned, and are available in digital form.

A new cache of documents has just been found and is being processed -Documents not requiring scanning will be archived as hard copy in the AAS archival storage facility near Washington, DC.



2. Plenary historical session conducted at the 50th anniversary DPS meeting.

-Two presentations and a panel discussion—well attended Presenters: Clark Chapman, Anita Cochran, Fran Baganal, Tom McCord, Carle Pieters, David Morrison,, Dale Cruikshank

- Pictures from the DPS photo archive on display at meeting





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Federal Relation Subcommittee's Report

Kurt Retherford October 24, 2018 Knoxville, TN



Federal Relations Subcommittee Report by Kurt Retherford (SwRI/UTSA)

Past Year

- Members: Dapremont, Hale, Hayes, Hayne, Hendrix, Patterson, Schmidt, Woodney; Chairs
- Bahcall AAS Public Policy fellow Ashley Wilkins
- DPS FRS Hill Visit June 28-29, 2018
- DPS Comm. Hill Visit April 26-27, 2018
- AAS-led Congressional Visit Days w/ DPS folks
- Planetary Science Congressional Caucus & The Planetary Society ties

Year Ahead

- New FRS Members: Gosmeyer
- Action Alert for encouraging Planetary Congressional Caucus membership
- Spring Hill Visits

AGU Fall Meeting in D.C.

We're happy to help plan your own Hill visit

http://dps.aas.org/public_policy/communicating-congress https://sciencepolicy.agu.org/fallmeeting2018/

https://aas.org/policy/ advocacy-resources



Decadal Surveys

The National Academy of Sciences' decadal surveys are scientific community-based and recommend ranked, consensus scientific

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.



Astrophysics







Small and Mid-Scale

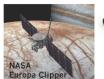
Competed | Focused Science | Investigator-Led





Strategic Directed | Broad Science | Community







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



Observatory to provide haracterizing the first







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Professional Development Subcommittee's Report

Candace Gray (Presented by Cathy Olkin) October 24, 2018 Knoxville, TN



Professional Development Committee Report

- Events at the 50th DPS
 - Student/Postdoc Reception (Sunday)
 - Women in Planetary Science Luncheon (Tuesday)
 - Mentoring Workshop (Tuesday)
- Dependent Care Grants
 - 9 applicants were supported with \$2000
 - All are DPS members with children 0-7 years old





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Professional Culture and Climate Subcommittee Report

Julie Rathbun October 24, 2018 Knoxville, TN



DPS Professional Culture and Climate Subcommittee (PCCS)

Members

- Julie Rathbun (PSI), Chair
- Serina Diniega (JPL), incoming cochair
- Nancy Chanover* (NMSU)
- Sarah Hörst (JHU)
- Kathleen Mandt (APL)
- Franck Marchis* (SETI)
- Jennifer Piatek (Central Conn. State U.)
- Edgard Rivera-Valentin (LPI)
- Cristina Thomas (NAU)
- Alejandro Soto (SWRI), incoming
- Matt Tiscareno (SETI)

*rotating off

- Implicit bias & bystander intervention training for DPS Committee & DPS Prize Sub.
- 2018 DPS meeting accomplishments:
 - Analyzed 2017 meeting survey data, generated meeting-specific findings and recommendations
 - Invited plenary speaker on topic of diversity in action: Carolyn Brinkworth (UCAR)/ Christina Richey (JPL)
 - Representatives on LOC and SOC to advise on diversity & inclusion
 - 2 presentations at this meeting to inform members about diversity issues (yesterday)
- Provided set of recommendations to DPS Committee.





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Hartmann Travel Grant Report

Linda Spilker October 24, 2018 Knoxville, TN



Hartmann Student Travel Grant Awards

- Funded 28 Student Travel Grants for a total of ~\$15K
- Funded students from variety of disciplines
 - Earth's moon, TNOs, KBOs and Exoplanets
 - Satellites, Comets, Asteroids, Planets
 - Dynamics to Observations to Modeling
 - Atmospheres, Surfaces, Activity

Grantees

- 16 PhD candidates, 7 undergrads, 2 Master's students, 3 postdocs
- From 19 different institutions
- From 4 different countries





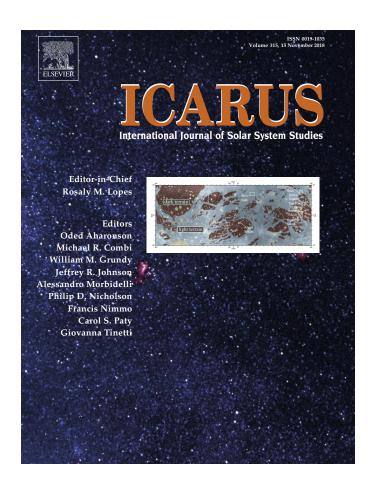
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Prize Subcommittee Report

Lucy McFadden October 24, 2018 Knoxville, TN

Prize Subcommittee Report

- The DPS sponsors five prizes:
- The Gerard P. Kuiper Prize honors outstanding contributions to the field of planetary science.
- The <u>Harold C. Urey Prize</u> recognizes outstanding achievement in planetary research by a young scientist.
- The <u>Harold Masursky Award</u> acknowledges outstanding service to planetary science and exploration.
- The <u>Carl Sagan Medal</u> recognizes and honors outstanding communication by an active planetary scientist to the general public.
- The <u>Jonathan Eberhart Planetary Sciences Journalism Award</u> 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



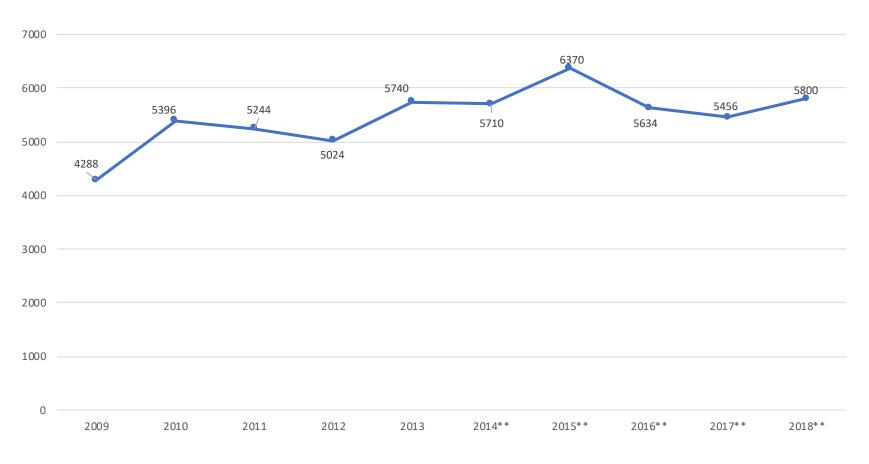
Icarus REPORT DPS BUSINESS Meeting

October 23, 2018, 5:30 pm Knoxville Convention Center Knoxville, TN

Editorial Board

Editor	Area of expertise	Number of papers handled in 2018 (submissions)	
Oded Aharonson	Geology and Geophysics	37	
Michael Combi	Comets	18	
(Peter Gierasch)	Atmospheres	18	
Will Grundy	Asteroids, Spectroscopy	45	
Jeffrey Johnson	Mars surface	89	
Rosaly Lopes	Editor in Chief	40	
Juan Lora	Atmospheres	15	
Alessandro Morbidelli	Solar system dynamics	41	
Philip Nicholson	Rings	5	
Francis Nimmo	Geology and Geophysics	29	
Carol Paty	Magnetospheres	17	
Eva Scalzo	Managing Editor	44	
Darrell Strobel	Atmospheres	10	
TBD (formerly Giovanna Tinetti)	Exoplanets	5	

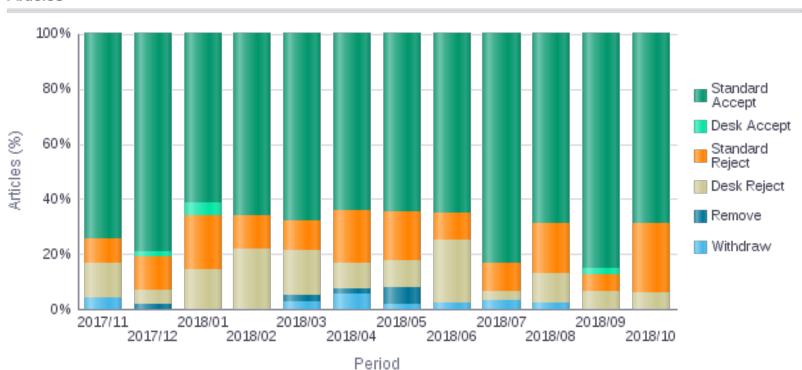
Annual Pages Published by Volume Year



**2014, 2015, 2016, 2017 and 2018 counts based on 18 issues per year. Note that 2018 is YTD.

Editorial Outcomes

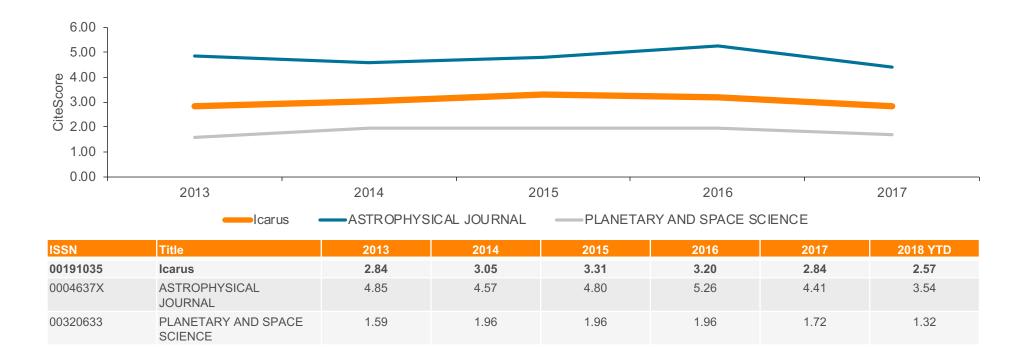
Articles



Special Issue Update

Special Issue Title	Status	Details	Comments
Asteroids: Origin, Evolution and Characterization	Published	2018 volume	Published in v. 300
Mars Polar Science VI	Published	2018 volume	Published in v. 308
Dawn Mission: Geologic Mapping of Ceres	Published	2018 volume	Published in v. 316
Dawn Mission: Composition of Ceres	Published	2019 volume	Published in v. 318
Dawn Mission: The Formation and Evolution of Ceres' Occator Crater	Completed	2019 volume	Will publish in v. 320
Transneptunian Objects	In progress	11 papers submitted, 3 under review, 5 under revision, 1 accepted, 2 rejected	2019
Tunguska	In progress	8 papers submitted, 6 under review, 2 under revision	2019
From Mars Express to ExoMars	Agreed		2019
Late Mars Workshop	Agreed		2019
Cassini Grand Finale	Agreed		2019

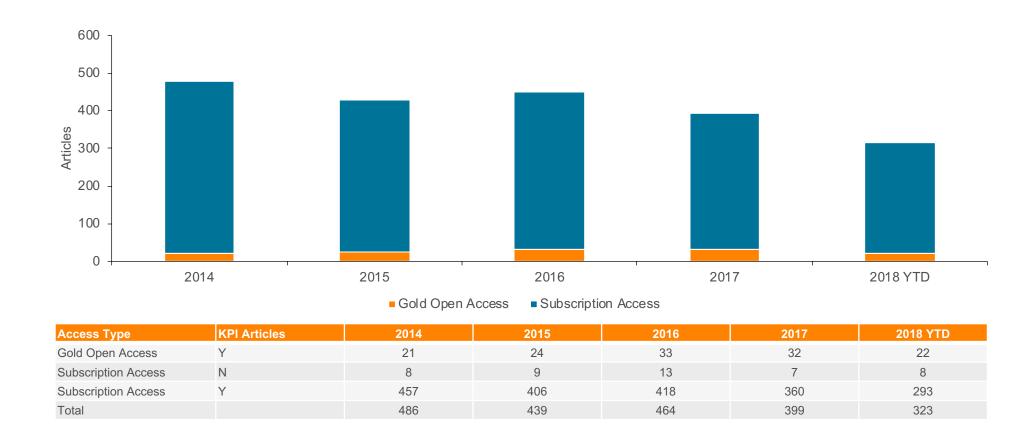
CiteScore



Category	Rank	Total Journals	Quartile
Space and Planetary Science	22	80	Q2
Astronomy and Astrophysics	21	70	Q2

Source: Scopus Last Updated: Jun 2018

Published Articles by Access Type



Discussion: A new Open Access sister journal?

Questions?



Nominating Subcommittee Nominations



Nominating Subcommittee Voting



Division for Planetary Sciences



of the AMERICAN ASTRONOMICAL SOCIETY

2018 DPS Committee Meeting Update

Devon Burr (SOC Chair) Josh Emery (LOC Chair)

October 24, 2018 Knoxville, TN







Division for Planetary Sciences



of the AMERICAN ASTRONOMICAL SOCIETY

2019 DPS Committee Meeting Update

Linda Spilker (DPS Vice-Chair)

October 24, 2018 Knoxville, TN





EUROPEAN PLANETARY SCIENCE CONGRESS& DIVISION FOR PLANETARY SCIENCES

In Geneva – Switzerland September from 15th to 20th, 2019



Large attendance expected, similar to past joint meetings in Nantes and Pasadena

Joint ESPC-DPS committees will be formed to organize this meeting

CICG -INTERNATIONAL CONFERENCE CENTER, GENEVA



EVENT:

15-20 / 09 / 2019

The building is equipped with the latest technical facilities and its variable geometry provides great organisational flexibility, making it possible to hold either a single large conference, or two or three smaller simultaneous meetings.

CONFERENCE ROOMS

(facilities for simultaneous interpreting are available in all major rooms)

- 22 CONFERENCE ROOMS FROM 20 TO 2,200 SEATS
- 8 ROOMS FULLY EQUIPPED for interpretation (fixed cabins)

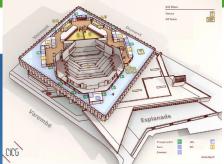
45 OFFICES

- 4,000 SQ M EXHIBITION SPACE
- 1 restaurant MIP Restaurants -400 seats and a nice 800 sqm terrace
- 1 "ESPACE VOYAGE" offering various menus from all over the world daily
- 1 bar/kiosk
- 1 security management centre
- 1 public car park with 1,200 PARKING SPACES

GENERAL SERVICES

The International Conference
Centre offers the facilities required
for large conferences: registration
area, cloakrooms, post office,
nearby bank, bar/kiosk/souvenir
shop and a large adjacent car
park with 1,200 spaces.









ACCOMMODATION IN AND AROUND GENEVA

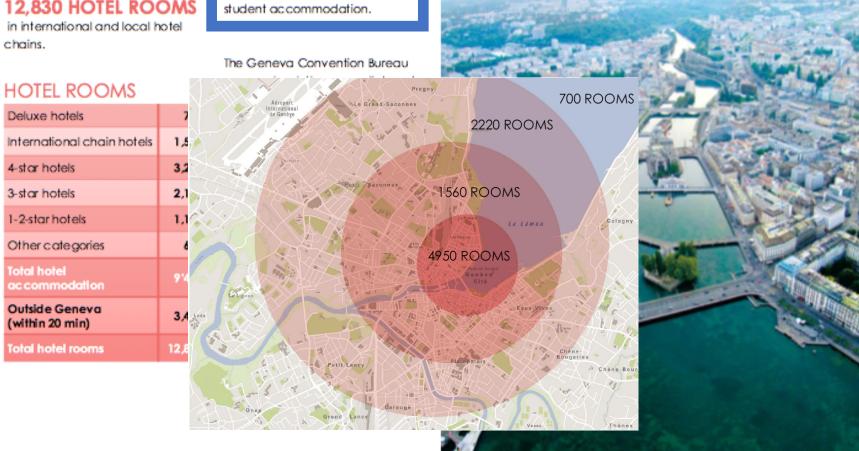
Geneva and its surrounding areas have a capacity of

12,830 HOTEL ROOMS

chains.

500 BEDS

are available in LOW COST,



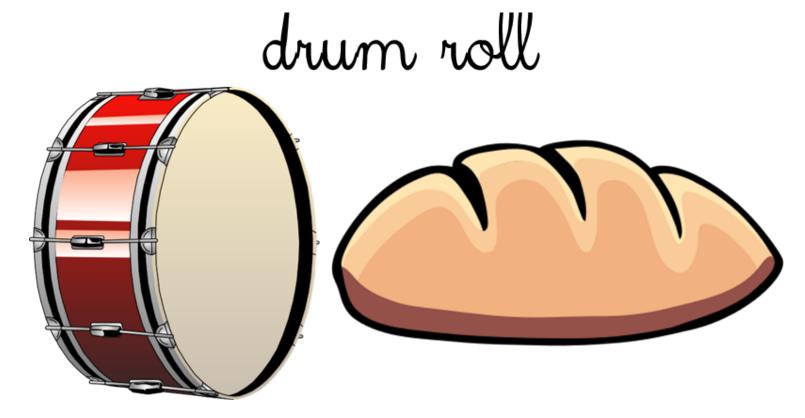


- DPS 2020 October 23-30
 - Spokane, Washington
 - SOC: Lucy Lim
 - LOC: Jason Barnes
- DPS 2021 October 2 9
 - Providence, RI
- DPS 2022
 - London, Ontario



Announcement of Nomination Subcommittee Member

And the winner is.....





Division for Planetary Sciences



of the AMERICAN ASTRONOMICAL SOCIETY

Outgoing Chair Remarks

Cathy Olkin

October 24, 2018 Knoxville, TN



Please stand if you are a past DPS Chair



- Please stand if you are a past DPS Chair
- Please stand if you have served on the DPS Committee



- Please stand if you are a past DPS Chair
- Please stand if you have served on the DPS Committee
- Please stand if you have served on the SOC or LOC for a DPS Meeting



- Please stand if you are a past DPS Chair
- Please stand if you have served on the DPS Committee
- Please stand if you have served on the SOC or LOC for a DPS Meeting
- Please stand if you have served as a DPS Subcommittee Member



- Please stand if you are a past DPS Chair
- Please stand if you have served on the DPS Committee
- Please stand if you have served on the SOC or LOC for a DPS Meeting
- Please stand if you have served as a DPS Subcommittee Member

Thank You!!!



- Please stand if you are a past DPS Chair
- Please stand if you have served on the DPS Committee
- Please stand if you have served on the SOC or LOC for a DPS Meeting
- Please stand if you have served as a DPS Subcommittee Member

Thank You!!!

• The power of this organization is in its volunteers who work to make this a community.



Division for Planetary Sciences



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Incoming Chair Remarks

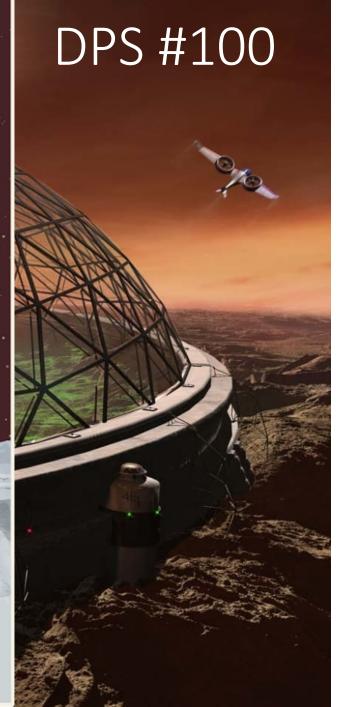
Linda Spilker

October 24, 2018 Knoxville, TN



Imagine a DPS meeting 50 years from now...







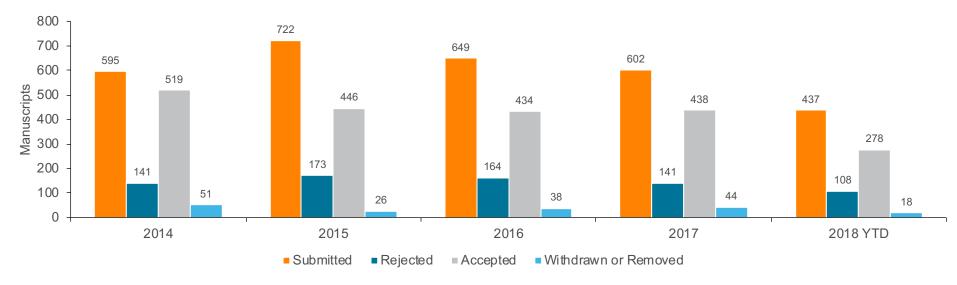
Open Mic for Community Comment



Backups



Submitted Manuscripts & Editorial Outcomes

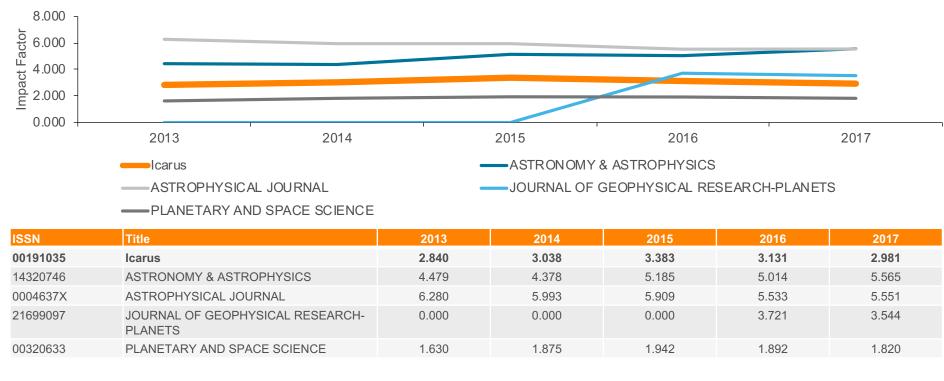




Impact Factor

Index

SCIE



Rank

24

Total Journals

66

Quartile

Q2

Category

Astronomy & Astrophysics



Peer Review Completion Rates

