



DPS Members Meeting

Utah Valley Convention Center
Provo, UT

October 18, 2017

12:30-2:00 pm

Agenda

- 12:30 Call to order and review of the agenda
- 12:31 Moment of remembrance for departed DPS members
- 12:32 Acknowledge outgoing, current and incoming Committee Members
- Officer Reports
 - 12:34 Secretary's Report (Anne Verbiscer)
 - 12:36 Treasurer's Report (Andy Rivkin)
 - 12:41 Press Officer's Report (Shantanu Naidu)
 - 12:43 Education Officer's Report (Bonnie Meinke)
 - 12:45 Webmaster's Report (Tony Roman)
 - 12:47 Historian's Report (Dale Cruikshank)

- Subcommittee Reports
 - 12:49 Federal Relations (Kurt Retherford)
 - 12:51 Professional Development Subcommittee Report (Karly Pitman)
 - 12:53 Professional Climate & Culture Subcommittee Report (Nancy Chanover)
 - 12:55 Hartmann Travel Grant Recipients (Cathy Olkin)
 - 12:57 Prizes (Jason Barnes)
 - 12:59 Editor's Remarks (Phil Nicholson)
 - 1:05 Describe Nominating Subcommittee Member Election (Lucy McFadden)
- 1:10 Vote (all)

Meeting Updates

- 1:15 Provo (Jani Radebaugh & Dave O'Brien)
- 1:20 Knoxville, TN 2018 (Joshua Emery and Devon Burr)
- 1:22 Future Meetings
- 1:25 Announcement of Nomination Subcommittee Electee (Lucy McFadden)
- 1:26 Outgoing Chair's Departing Remarks (Lucy McFadden)
- 1:27 Incoming Chair's Remarks (Cathy Olkin)
- 1:30 Open Mic for DPS Membership (Cathy Olkin)
- 1:55 Adjourn

In Memoriam

**Michael
A'Hearn**



Mark Allen



**Akiva
Bar-Nun**



**Nathan
Bridges**



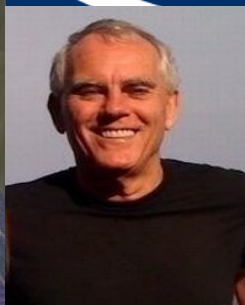
**Larry
Taylor**



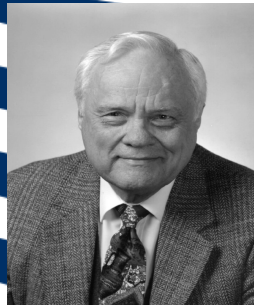
Michel Combes



Eric De Jong



Von Eshleman



Tobias Owen



Ewen Whitaker



Thank you



Jason Barnes



Andy Rivkin



Tony Roman



Bonnie Meinke



Amy Lovell



Josh Emery

Outgoing DPS Subcommittee Chairs:

Karly Pitman
(Prof. Dev.)



Tilmann Denk
(Nominating)



Christina Richey **Nancy Chanover**
(Prof. Culture & Climate Co-Chairs)



DPS Incoming Officers and Committee Members

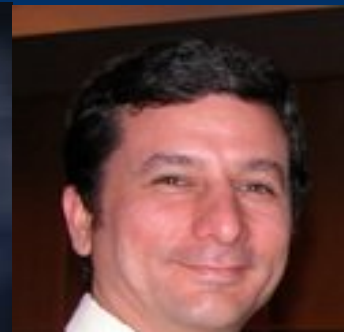
Cathy Olkin
(Chair)



Linda Spilker
(Vice Chair)



Tony Roman
(Treasurer)



Catherine Gosmeyer
(Webmaster)



Michele Bannister
(Committee Member)



David Morrison
(Committee Member)



Sanlyn Buxner
(Education/PO)

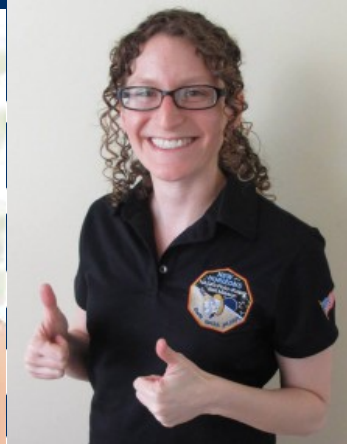


Incoming DPS Subcommittee Chairs:

Julie Rathbun
(Prof. Culture & Climate)



Kelsi Singer
(Nominating)



Candace Gray
(Prof. Development)



DPS Secretary Report



Anne Verbiscer
dpssec@aas.org

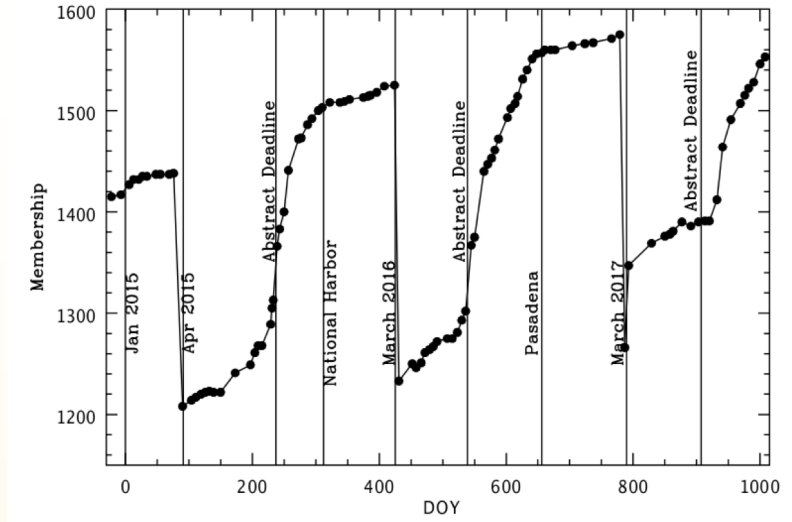
18 October 2017

Provo, Utah

Membership



- Current active membership: **1555** –same as last year at the same time. Non-US members: 19%
- **Renew your membership and pay your dues TODAY, before 31 Dec. 2017 to avoid being dropped from the membership in February.**
 - *Pay your 2017 membership dues online at <https://members.aas.org/>*
- *Also, please take a moment to update your personal DPS member file.*



Elections

Please remember to always vote !!

360 people voted this year (25% of our membership) AAS is trying to make the online voting procedure easier, but please take the time needed to express your preferences at the DPS elections

DPS Newsletters



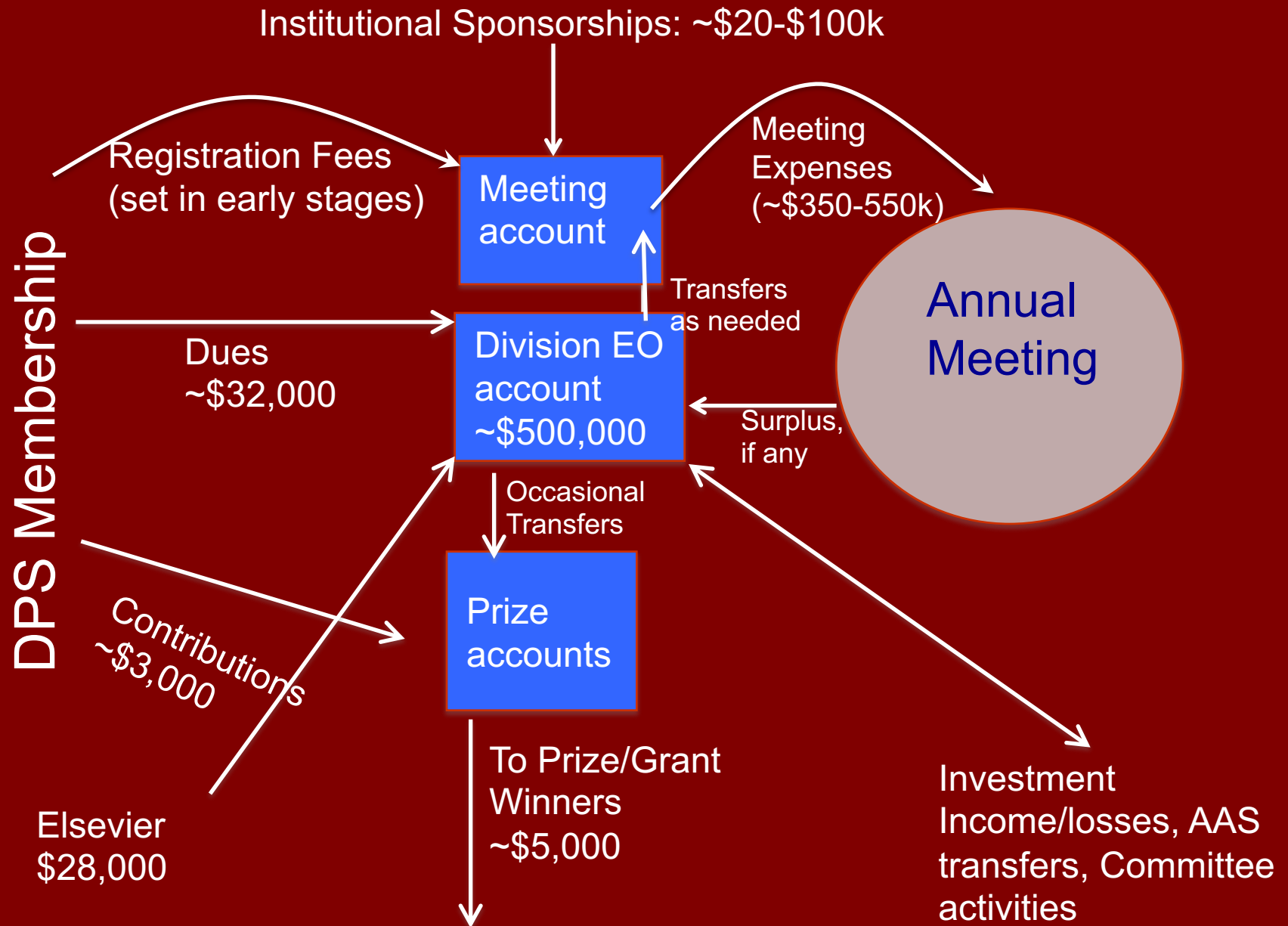
- 43 issues so far this year
- Happy to include any news sent for meeting announcements, special issues and job opportunities. Send complete title and content of your announcement to dpssec@aas.org
- The **Job announcements** in particular are well appreciated and on the rise, we get many requests. I 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>

Schematic of DPS Cash Flow



2017 Revenue (as of 30 Sep)

- Dues: \$24,536
- Contributions: \$12,046
 - \$10,640 to Hartmann account
- Elsevier: \$21,000 (“Grants and Contracts”)
- Interest/Investments/etc.: \$74,693
- Total: \$640,949
 - Total *without* meeting revenue: \$133,825

2017 Expenses (as of 30 Sep)

- Telecommunications: \$3,006
- Governance Travel: \$14,492
- Fed Relations Sub: \$4,273
- Contributions Paid by AAS: \$2,116
- Hartmann Grant Awards: \$13,395
- Sponsorship of EPSC: \$500
- Total: \$37,781
 - This includes *none* of the meeting expenses yet

Pasadena Meeting Bottom Line

- Total revenue: \$853,967
 - By far largest in DPS history (2nd: Nat'l Harbor at \$525,305)
- Registration revenue \$731,508
 - Also by far largest in DPS history
- Total expenses: \$668,778
 - Also largest in DPS history (2nd: Nat'l Harbor)
- Surplus: \$185,189
 - Also largest in DPS history (2nd: Fajardo at \$144,127)

Budget summary as of 30 Sep not counting meeting revenue

	12/31/11	12/31/12		12/31/13	12/31/14	12/31/15	12/31/16	9/30/2017
<i>Operational</i>	\$322,721	\$458,323		\$492,429	\$482,277	\$371,084	\$588,171	\$669,031
DPS Prizes*	\$61,246	\$67,277	U-K	\$11,100	\$9,825	\$7,979	\$7,646	\$8,411
			Sagan	\$11,160	\$11,019	\$10,252	\$9,949	\$10,944
			Masur.	\$11,156	\$10,525	\$9,270	\$8,927	\$9,820
Hartmann Fund	\$36,655	\$41,148		\$60,654	\$59,773	\$58,192	\$59,116	\$63,720
Eberhart Fund	\$54,833	\$56,749		\$73,111	\$74,847	\$71,984	\$73,660	\$81,029
Niebur Fund				\$15,650	\$15,040	\$13,960	\$13,800	\$14,826
Total	\$475,476	\$620,209		\$675,261	\$663,307	\$542,723	\$789,120	\$857,781

*DPS Prizes here means Sagan, Urey/Kuiper, Masursky. What had been a single common account into which separate prize accounts were paid has now been zeroed out.

DPS Committee Budget/Expenses for DPS Executive Office Account

	2014	2015	2016	2016	2017	2017
	Actual	Actual	Proposed	Actual	Proposed	Actual (to date)
Officers (“Governance Travel”)	\$4,115	\$9,099	\$5,000	\$7,262	\$7,000	\$14,492
Travel and Midterm Meeting Expenses includes FRS travel to midterm meeting) (“Domestic Travel”)	\$10,489	\$12,066	\$9,500	\$3,602	\$5,000	
Telecommuncations	\$2,660	\$3,322	\$3,500	\$1,100	\$3,500	\$3,006
Prize Subcommittee	\$0	\$0	\$0	\$0	\$0	\$0
Federal Relations Subcommittee (not including mid term meeting)	\$1,868	\$4,703	\$6,000	\$1,538	\$12,500	\$4,273
Education Subcommittee			\$10,000*		\$500	\$0
Professional Development Subcommittee	\$1,500		\$2,500		\$1,500	\$0
Professional Climate Subcom					\$2,000	\$0
Historian’s Office					\$1,000	\$0
Division Affiliate Transfer	\$2,120	\$2,090	\$2,000	\$2,175	\$2,300	\$2,116
Carbon offset contribution	\$6,185		**			
Discretionary			\$2,000	\$0	\$1,000	\$0
Total	\$22,406	\$43,424	\$36,500+	\$21, 677	\$36,300	\$23,887

* Actuals included in that year’s meeting budget.

**Amount budgeted dependent upon meeting contributions accrued over years

DPS Budget:

Not from DPS Executive Office Account

	2017 Proposed	Relevant Account
Education Subcommittee	\$6,000	2017 DPS Meeting
Professional Development Subcommittee	\$2,000	2017 DPS Meeting
Student Travel Grants		Dependent on contributions, interest from Hartmann Fund, ** extra committee allocation. Funding “from” Elsevier grant, but charged to Hartmann, should pay that account back.
Urey/Kuiper Awards	\$3,000	Urey/Kuiper
Eberhart Award	\$1,500	Eberhart
Masursky Award	\$1,500	Masursky
Sagan Medal	\$1,500	Sagan
Niebur Grant Awards	\$2,000	Niebur plus any extra committee allocation.
Total	\$17,500	

My term as treasurer is up,
it has been a pleasure



Term started in Nantes



Term ending in Utah



Division for Planetary Science



2017 Press Officer Report

Shantanu Naidu

dpspress@aaas.org

2017 Jonathan Eberhart Award

- 21 total eligible entries for 2017 (5 were carry over from 2016)
- Judges: Nadia Drake (past prize winner), Jason Barnes (past chair), Shantanu Naidu (DPS press officer)
- Winner: Joshua Sokol, New Scientist for the article “Hidden Depths”

Press Activities in Provo

- Press conferences are taking place in the Soldier Creek room and the Press office is in the Silver Creek room at 12:15pm.
- 15 press briefings and 9 press releases from the meeting.
- Topics include Saturn, Asteroids, Comets, Mars, Exoplanets, Kuiper belt, Titan, Ocean worlds.
- Thanks to Constantine Tsang (Deputy Press Officer) and Rick (AAS press officer) for help.



Education & Public Outreach

Bonnie Meinke, E/PO Officer
Provo, October 2017



E/PO Sessions (LOC E/PO POC: Denise Stephens)

Teacher Workshop (Sarah Horst & Christine Shupla, leads)

- 125 over last 5 years → 4 classes/teacher * 40 students = **20K people** impacted.

Early Career Presenter's Review (J. Grier & C. Shupla, leads)

- Helps prepare first-timers for their presentations (part of professional development for our early-career members)

Planetary Sciences graduate programs webpage (Dave Klassen, lead)

- <http://dps.aas.org/education/graduate-schools>

DPS Discovery slidesets for higher education instructors (Brian Jackson)

- seeking volunteers authors and translators- scouting both through poster and workshop during this meeting.
- Trick or Treat and Telescopes (Bonnie Buratti, lead)
 - <https://dps.aas.org/education/trick-or-treat-and-telescopes>
- New E/PO Officer: Sanlyn Buxner



DPS Website



- Website Usage - Top 3
 - Graduate schools
 - Annual meetings, current & future
 - Job listings
- Recent improvements
 - New web form for *Icarus* Editor-in-Chief applications
 - Improvements to some specifics about web content curation and about document storage for DPS leaders.
- Concluding 6 years as webmaster



Historian's Report: Dale Cruikshank



- Melissa McGrath is preparing DPS historical papers for scanning
- Dale Cruikshank will have them scanned
- Budget- \$2000
- Completion scheduled for October 2018

Federal Relations Subcommittee Report by Kurt Retherford (SwRI)



Past Year

- Members Hale, Hayes, Hayne, Patterson, Rehnberg, Schmidt, Woodney; Bahcall fellow Bloemhard
- DPS FRS Hill Visit April 6-7, 2017
- DPS Comm. Hill Visit May 9-10, 2017; three other DPS-involved visits led by AAS
- Action Alert 2017 March



Year Ahead

- New FRS Member Hendrix, new Grad Student(s)
- New Bahcall AAS Public Policy Fellow A. Wilkins
- Action Alert for FY18 Appropriations Conference
- Spring Hill Visits
- Space on the Hill lecture series, joint AAS-SAO

I'm happy to help plan your own Hill visit

http://dps.aas.org/public_policy/communicating-congress

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

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

Recent Accomplishments

Decadal Surveys

Each decade, the National Academies engages much of our scientific community in a thorough, consensus-based process (aka a "survey") that produces a set of clear scientific priorities.

These priorities include large strategic missions and facilities, mid-sized competed projects, and small research grants.

Strategic Missions

The Mars 2020 rover will address high-priority science goals for Mars exploration, including key questions about the potential for life on Mars. Mars 2020 will pave the way for sample return and human exploration of Mars.

The Europa Clipper will investigate the habitability of Jupiter's ocean covered moon, Europa. The Clipper is expected to launch by mid-2020.

Small- & Mid-Scale Missions

Competed, investigator-led missions that broaden participation in cutting-edge research, encourage innovation, and support the training of a technologically capable workforce. Most, like *Psyche* and *Lucy* at NASA, are led by researchers at universities and private institutions.

Competed Grants

The space sciences are funded at NASA, the National Science Foundation (NSF), & Dept. of Energy (DOE) Office of Science. Awards are based on the scientific merit & the potential impact of the proposed research.

Funding supports research jobs at universities, colleges, national labs, and private institutions and helps to train the next generation of scientists and engineers in every state.



Division for Planetary Sciences

of the **AMERICAN ASTRONOMICAL SOCIETY**



Professional Development Subcommittee Report

Oct. 18, 2017

Karly Pitman, Chair

2017 subcommittee: C. Gray, M. Gurwell,
J. Hanley, A. Lovell, A. Martin, T. Prettyman,
E. Rivera-Valentin, K. Singer



Events and Services

- *Year-round:*
 - Job Postings at <https://twitter.com/DPSdevelopment>
 - 8 dependent care grants (\$2000) awarded via *DPS Susan Niebur Prof. Dev. Fund*
 - MentorNet's websites (www.mentornet.net , www.mentornet.org)
- Meeting activities
 - *Communications and Networking for Planetary Scientists*
 - *AAS DPS Student / Postdoc Reception*
 - *Women in Planetary Science Lunch- Implicit bias*



Professional Culture and Climate Subcommittee: 2016-2017

PCCS mission: *To consider and recommend actions that the DPS Committee can take to promote a broadly inclusive professional community characterized by respect, honesty, and trust, so that people of diverse backgrounds are – and perceive themselves to be – safe, welcome and enabled.*

Current Members:

Nancy Chanover (NMSU), Co-Chair

Christina Richey* (NASA HQ/ASRC Federal), Co-Chair

Julie Rathbun (U. Redlands), Incoming Chair

Sarah Hörst (JHU)

Sona Hosseini* (JPL)

Franck Marchis (SETI)

Matt Tiscareno (SETI)

*rotating off

Incoming Members:

Serina Diniega (JPL)

Kathleen Mandt (APL)

Jennifer Piatek (Central Conn. State U.)

Edgard Rivera-Valentin (Arecibo)

Cristina Thomas (PSI/NAU)

- Worked w/DPS Committee to finalize PCCS charge
- 2017 DPS meeting issues:
 - Analyzed 2016 meeting survey data, generated meeting-specific findings and recommendations
 - Invited plenary speaker on topic of microaggressions: Dr. William Smith
 - Worked with organizers on accessibility and inclusion issues
- Explored implicit bias and dual-anonymous review process (journals, proposals)
- Coordinated w/AAS-level "diversity committees", WIA IV presentation
- Provided set of recommendations to DPS Committee
<https://dps.aas.org/sites/dps.aas.org/files/professional-climate/PCCS20171014.pdf>



Hartmann Student Travel Grant Awards

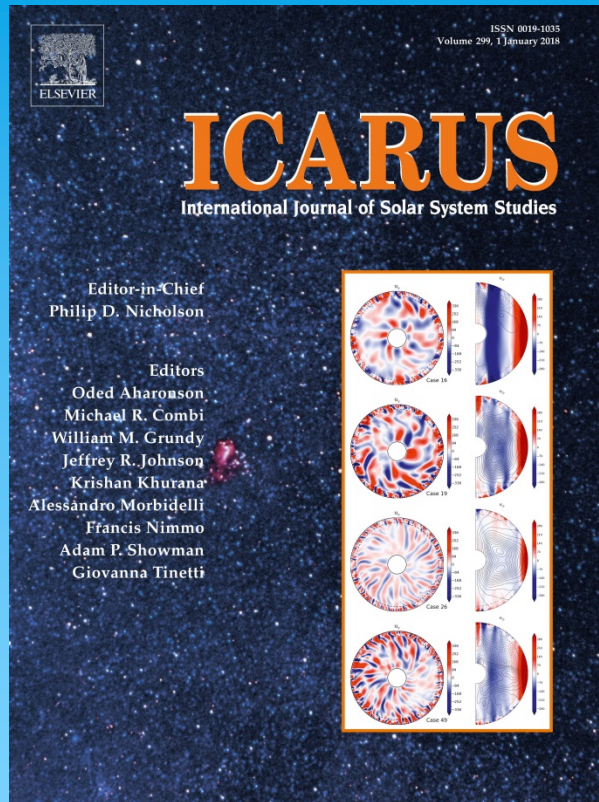
- Funded 33 Student Travel Grants for a total of ~\$18k
- Funded students from different disciplines
 - Mercury to Extreme TNOs and exoplanets
 - Satellites, Comets, Asteroids, Planets
 - Dynamics to Observations to Modeling
 - Interiors, Atmospheres, Surfaces, Activity
- Grantees from 22 different institutions.
- From 7 different countries
- Includes 21 PhD candidates, 9 undergrads, 2 Master's students, 1 postdoc



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.
- <https://dps.aas.org/prizes/nomination-form>

Icarus report Members meeting

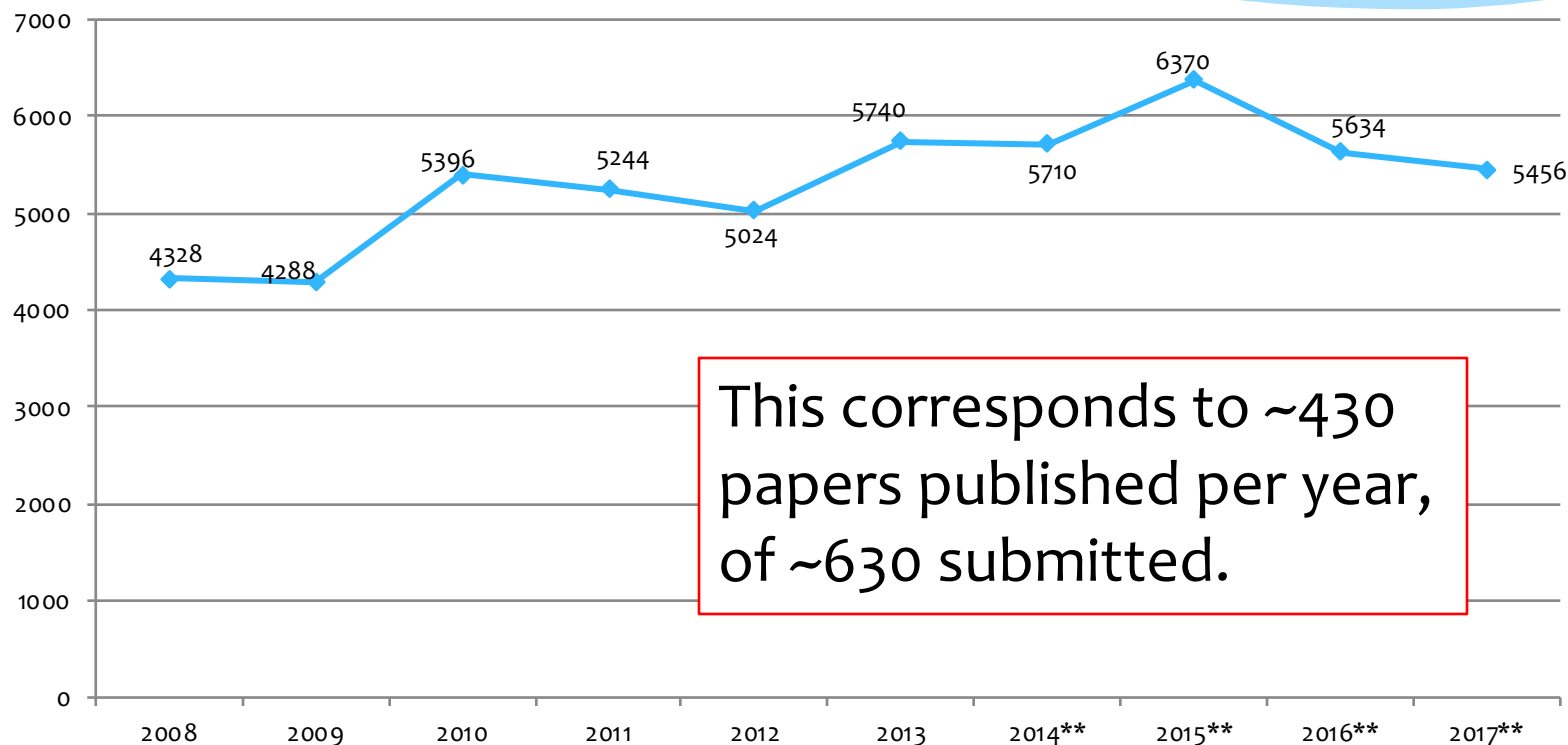


Phil Nicholson
Editor-in-Chief
1998-2017

October 18, 2017

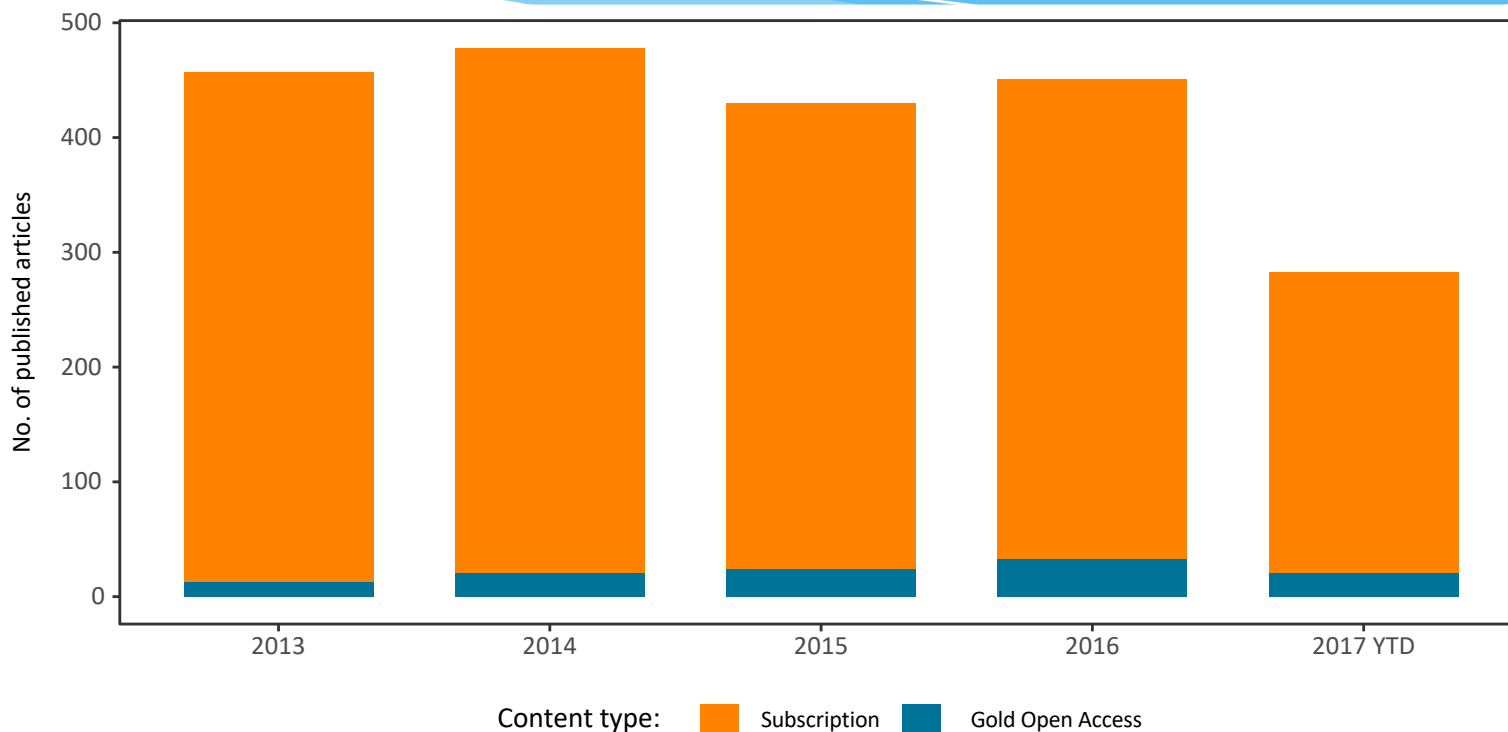
Utah Valley Convention Center
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Annual Pages Published by Volume Year



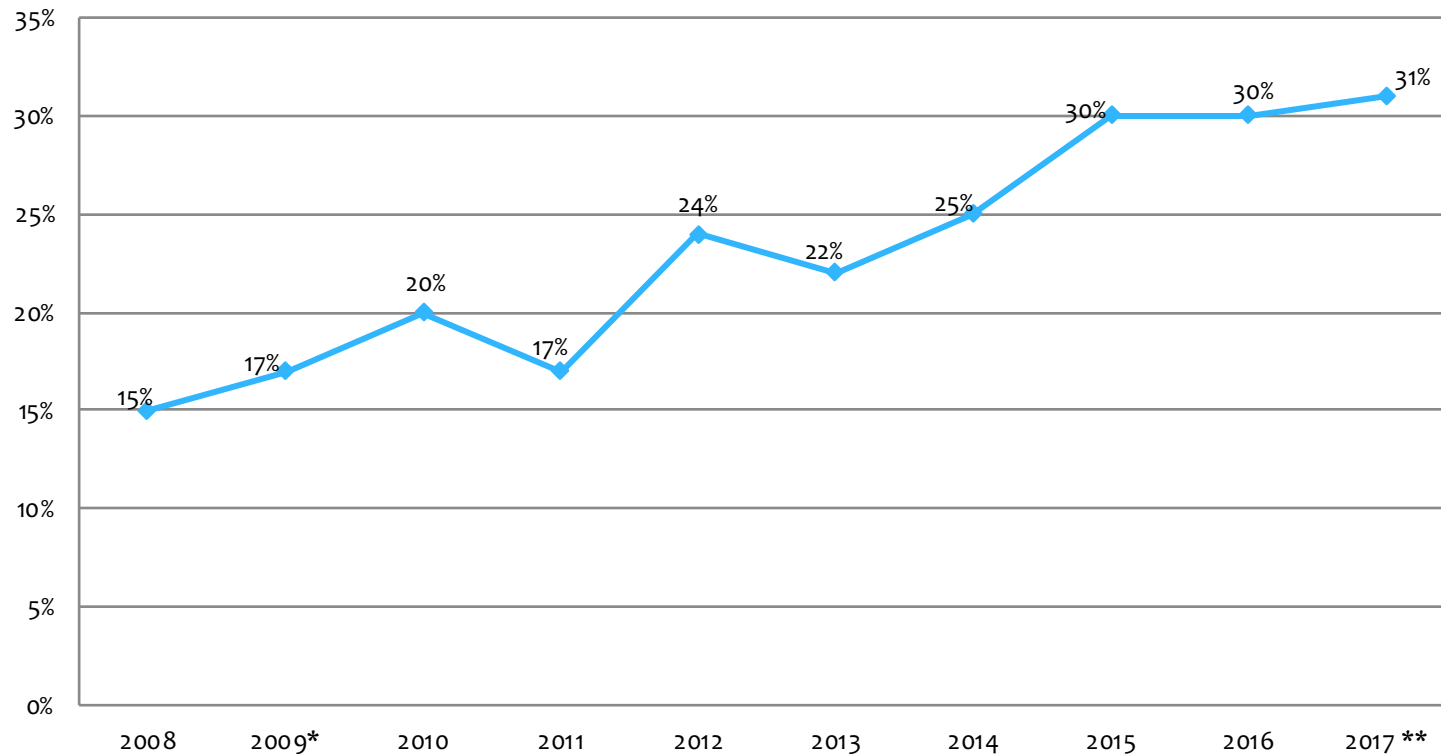
**2014, 2015, 2016 and 2017 counts based on 18 issues per year.

Number of published articles

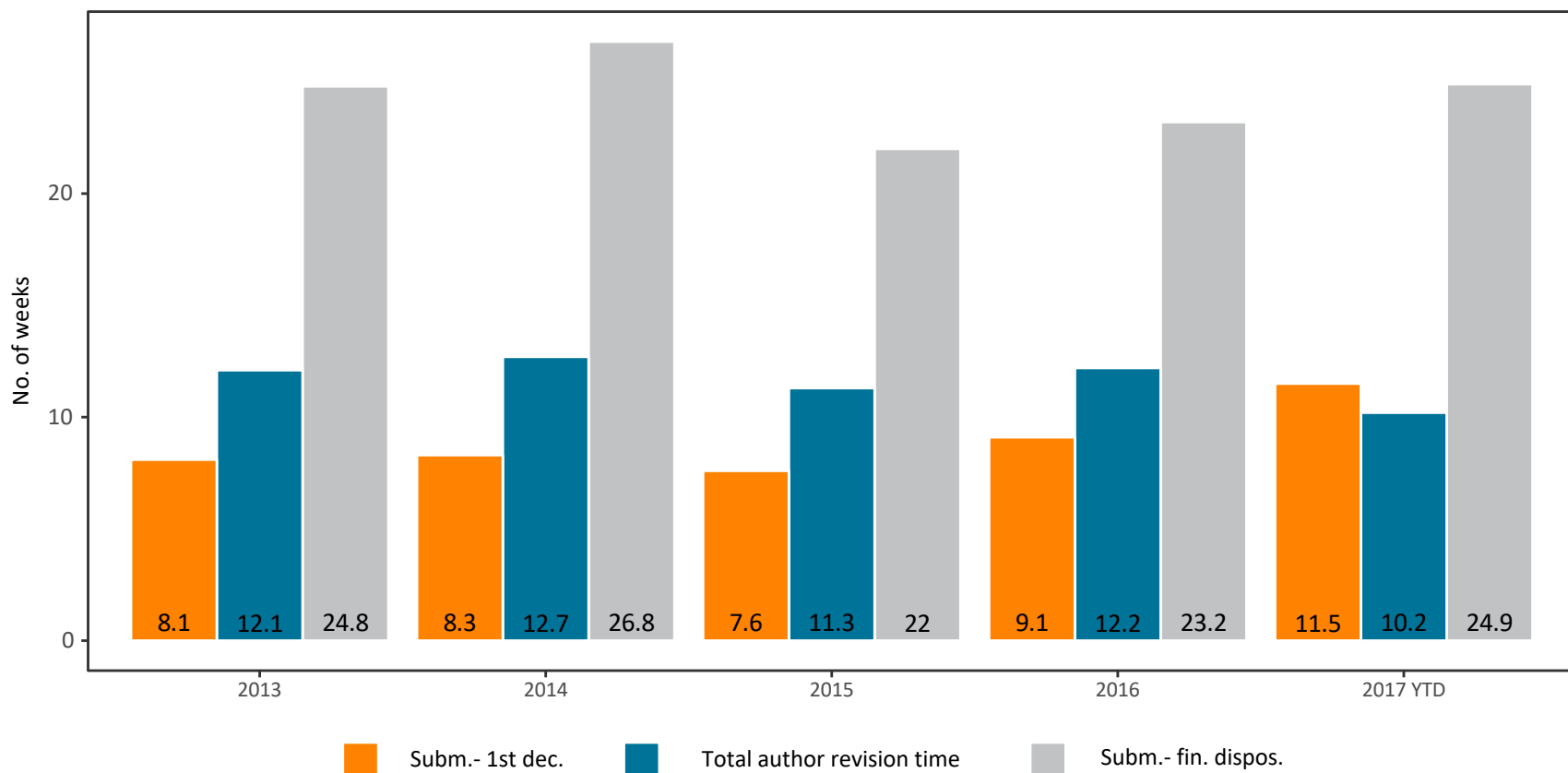


Content type:	2013	2014	2015	2016	2017
Subscription	444	457	406	418	262
Gold Open Access	13	21	24	33	21
Totals	457	478	430	451	283

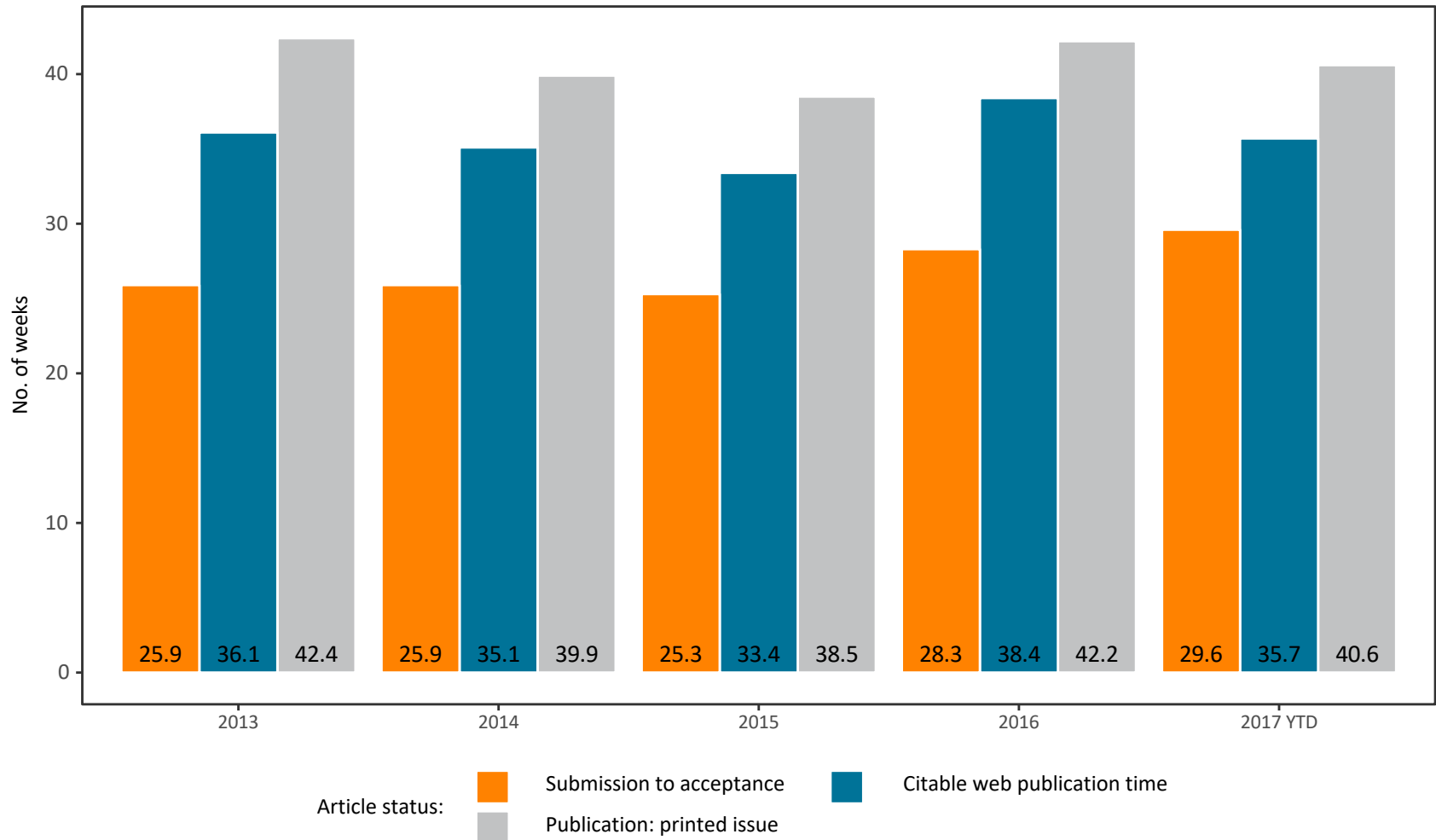
Ten-Year Rejection Rate



Average editorial speed for all submitted manuscripts



Publication speed



Farewell and Thank-you

I would like to acknowledge and publicly thank those individuals who have acted as Editors over the past 20 years:

- * Jim Bell
- * Peter Thomas
- * Peter Gierasch
- * Hal Weaver
- * Alessandro Morbidelli
- * Janice Bishop
- * Mike Combi
- * Andy Ingersoll
- * Mark Robinson
- * Louise Prockter
- * Will Grundy
- * Oded Aharonson
- * Giovanna Tinetti
- * Jeff Moersch
- * Krishan Khurana
- * Adam Showman
- * Jeff Johnson
- * Francis Nimmo
- * Carol Paty

... and of course Cheryl Hall and Eva Scalzo!



Nominating Subcommittee Nominations

- Nominating Subcommittee prepares the official ballot for election of Chair and Committee members
- Members present shall nominate, and, by ballot, vote
- Elect for a period of 3 years, one member of the Nominating Subcommittee
- Nominations do not close until at least three candidates are nominated
- Candidate with the largest number of votes shall be considered elected.

Meeting Attendance: 719, of that 110 students



PC Murthy Gudipati

2017 Meeting Report:

Local Organizing Committee: Provided the Venue

Local Organizing Committee



Jani Radebaugh
LOC Chair
Brigham Young Univ.



Denise Stephens
LOC Co-Chair
Brigham Young Univ.



Eric Christiansen
Brigham Young Univ.



Joe Spitale
Planetary Science
Institute



Brian Jackson
Boise State Univ.



Lucy McFadden
Goddard Space Flight
Center



Jason W. Barnes
Univ. of Idaho



Darin Ragozzine
Brigham Young Univ.



Alexandra Ahern
SUNY Stonybrook



Gerbs Bauer
JPL, Caltech



Candy Hansen
Planetary Science
Institute



Jamie Molaro
JPL



Byron Adams
Brigham Young Univ.



Daniel Austin
Brigham Young Univ.

Scientific Organizing Committee: 676 abstracts

Scientific Organizing Committee



David O'Brien
SOC Chair
Planetary Science



Cathy Olkin
SwRI



Beatrice Mueller
Planetary Science
Institute



Caroline Morley
Harvard Univ.



Kat Volk
Univ. of Arizona



Fran Bagenal
Univ. of Colorado



Constantine Tsang
SwRI



Jack Lissauer
NASA Ames Research
Center



Sanlyn Buxner
Planetary Science
Institute



Lucy McFadden
Goddard Space Flight
Center



Nancy Chanover
New Mexico State Univ.



Kevin Walsh
SwRI



Paul Weissman
Planetary Science
Institute



Cristina Thomas
Planetary Science
Institute



Alyssa Rhoden
Arizona State Univ.



Caitlin Griffith
Univ. of Arizona



Matt Hedman
Univ. of Idaho



Anita Cochran
Univ. of Texas, Austin



Will Grundy
Lowell Observatory



Melinda Kahre
NASA Ames Research
Center



Brett Denevi
Johns Hopkins Applied
Physics Laboratory

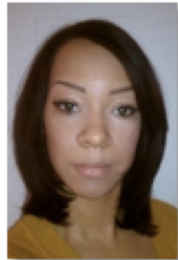
With a lot of help from AAS Meetings team

AAS Meetings Team



A. Renée Battle

Director, AAS Meetings



Sherrie Brown

Splinter Meetings &
Logistics



Kathy Cox

Abstracts & Volunteers



Lynn Ervin

Registration & Hotels



Debbie Kovalsky

Exhibits & Sponsorship



Scott Idem

Director of Information
Technology



Justin Maciak

Systems & Network
Administrator



Brian Frank

Help Desk Specialist
Tel: 202-328-2010 x107



50th DPS
21-26 Oct 2018
Knoxville, TN



Knoxville

- Convention center perfect size for DPS
- Beautiful Downtown
 - Hotel options
 - 80+ restaurants/bars
 - Free Trolley
 - Theatres, art galleries, etc.
- Nice airport
 - Non-stop to major hubs
- Great Smoky Mts.

DOWNTOWN

LEARN MORE AT VISITKNOXVILLE.COM
OR CALL 800-727-8045





Future Meetings



2019
Geneva,
Switzerland
Joint with EPSC



2020 Spokane, WA
U. Idaho,
Jason Barnes



2021
Providence, RI
Brown University



2022 London, Canada
U. Western Ontario, York U
C. Neish, J. Moores



Remaining Agenda

- 1:25 Announcement of Nomination Subcommittee Member (Lucy McFadden)
- 1:26 Outgoing Chair's Departing Remarks (Lucy McFadden)
- 1:27 Incoming Chair's Remarks (Cathy Olkin)
- 1:30 Open Mic for DPS Membership (Cathy Olkin)
- 1:50 Adjourn