

## Newsletter 17-17

Issue 17-17, April 20, 2017

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MESSAGE FROM THE CHAIR: THE MARCH FOR SCIENCE  
SATURDAY APRIL 22, 2017

I'm marching for science on Saturday April 22, 2017 in Washington, DC, to ensure that knowledge derived from scientific investigation is included in policy deliberations. I invite you to join me by meeting at AAS offices before the march <https://aas.org/marchforscience> [1]. Can't make it to DC? Explore satellite marches across the US and world wide <https://www.marchforscience.com/satellite-marches/> [2]

Consider participating in the AAS's social media campaign by writing one or two sentences about why science is important to you and include a picture. <https://aas.org/content/aasmarches-social-media-campaign> [3].

Hope to see you at the march!

Lucy McFadden

DPS Chair

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MESSAGE FROM THE DPS FEDERAL RELATIONS SUBCOMMITTEE

On 6-7 April 2017, our AAS/DPS Federal Relations Subcommittee (FRS) visited Capitol Hill to advocate for planetary science and to educate congressional representatives and staffers about our organization. The FRS conducts one or more such visits each year in consultation and coordination with AAS Public Policy and the Committee on Astronomy and Public Policy.

These visits are typically most effective in the spring when budget priorities are being established between the executive and legislative branches — although this transition year is atypical; refer to

<https://aas.org/policy-resources/information-about-relevant-policies-115th-congress> [4].

This year our DPS subcommittee met with 7 key offices in various states, including California, Maryland, Texas, Colorado, and Georgia.

During these visits we offered our thanks to the Congressman either directly or through the staff member we met with for their interest and support of space sciences. We expressed excitement about the President's proposed fiscal year (FY) 2018 budget of \$1.93 billion for NASA's Planetary Science division, while also communicating concern about maintaining a balance across all disciplines at NASA — to be specific, across the Planetary Science, Earth

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Science, Heliophysics, and Astrophysics divisions — in order to achieve the goals prioritized in the Decadal Surveys.

Many staffers were interested to learn about the total solar eclipse on August 21.

We pointed them to the AAS Eclipse website (<https://eclipse.aas.org> [5]) and encouraged them to participate in local events in their home districts.

Find more information about FRS activities at [https://dps.aas.org/public\\_policy](https://dps.aas.org/public_policy) [6].

Kurt Retherford, AAS/DPS Federal Relations Subcommittee Chair

Heather Bloemhard, AAS Bahcall Fellow

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#### COMMUNITY NOTICE: NEW PDS NODE URLS

Due to evolving government cybersecurity requirements, the Internet addresses (URLs) of five Discipline Nodes of the Planetary Data System (PDS) have changed.

The new URLs are:

Node:	URL is now:
Atmospheres	<a href="http://pds-atmospheres.nmsu.edu">http://pds-atmospheres.nmsu.edu</a> [7]
Geosciences	<a href="http://pds-geosciences.wustl.edu">http://pds-geosciences.wustl.edu</a> [8]
Planetary Plasma Interactions	<a href="http://pds-ppi.igpp.ucla.edu">http://pds-ppi.igpp.ucla.edu</a> [9]
Ring-Moon Systems	<a href="http://pds-rings.seti.org">http://pds-rings.seti.org</a> [10]
Small Bodies	<a href="https://pds-smallbodies.astro.umd.edu">https://pds-smallbodies.astro.umd.edu</a> [11]

The URLs for the Engineering and Management Nodes, and the Navigation and Ancillary Information Facility have not changed.

The PDS apologizes for any disruptions that these changes cause.

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**ROADMAPS TO OCEAN WORLDS (ROW) TOWNHALL AT ABSCICON**

The Roadmaps to Ocean Worlds (ROW) team was chartered by OPAG to identify science objectives for Ocean Worlds and to design a roadmap (or roadmaps) to explore these worlds to address the identified science objectives.

We will be holding a ROW townhall at AbSciCon (Monday, April 24, 12:15-1:15PM) to share our progress and allow for astrobiology community input.

We hope to see you there!

Amanda Hendrix ([arh@psi.edu](mailto:arh@psi.edu) [12])  
Terry Hurford ([terry.a.hurford@nasa.gov](mailto:terry.a.hurford@nasa.gov) [13])

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**LUNAR AND SMALL BODIES GRADUATE CONFERENCE 2017-  
ANNOUNCEMENT AND ABSTRACT SUBMISSION DEADLINE JUNE 2**

Registration is now open for the 8th Annual Lunar and Small Bodies Graduate Conference (LunGradCon 2017) to be held on Monday, July 17, 2016 at the NASA Ames Research Center, preceding the NASA Exploration Science Forum (ESF, July 18-20). With the expanded interests of the Solar System Exploration Research Virtual Institute (SSERVI), the scope of this year's LunGradCon includes both lunar and small body science. LunGradCon provides an opportunity for grad students and early-career postdocs to present their research on lunar and small body science in a low-stress, friendly environment, being critiqued only by their peers. In addition to oral presentations, the conference presents opportunities for professional

development and networking with fellow grad students and postdocs, as well as senior members of SSERVI. A limited amount of funding will be provided for travel and lodging costs. The deadline for registration and abstract submission is June 2nd 2016, 11:59 PM PDT.

For more details, please visit:

<http://impact.colorado.edu/lungradcon/2017/> [14]

or email any questions to: [lungradcon@gmail.com](mailto:lungradcon@gmail.com) [15]

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#### UPCOMING WORKSHOPS AND MEETINGS

##### A) 12TH LOW-COST PLANETARY MISSIONS CONFERENCE

Pasadena, California

15-17 August 2017

The focus of LCPM-12 is on small and/or low-cost planetary missions, on the scale of the NASA Discovery/ESA Cosmic Vision Small (S) Class and smaller, including Smallsats and CubeSats. The conference is intended to be an opportunity for scientists, technologists, engineers and project and agency managers to exchange ideas and information to enhance the viability and science return of low-cost robotic missions.

Abstract Submission and Conference Registration is now open. Abstracts are due May 26th, and early registration closes June 9th.

Sessions will cover a range of topics, including agency programs and plans



for future missions, the latest science results from ongoing missions, missions and instruments under development, and advanced concepts for the next generation of low-cost missions.

For further information about registration, abstract submission and conference logistics, visit:

[www.lcpm12.org](http://www.lcpm12.org) [16]

Michael Mischna, Chair SOC, on behalf of the Science Organizing Committee

#### B) JWST EVENTS AT THE SUMMER AAS MEETING

Dear Colleagues,

I wanted to let you know of a few events at the Summer AAS meeting in Austin this year including a JWST Meeting-in-a-Meeting and a proposal workshop.

<https://jwst.stsci.edu/news-events/events/events-area/stsci-events-listing-container/american-astronomical-society-230th-meeting?mwc=4> [17]

Also note the JWST Proposal Planning Workshop is scheduled for Sunday, June 4th. This workshop will include hands-on training with:

- JWST Astronomer's Proposal Tool
- JWST Exposure Time Calculator
- JWST Target Visibility Tool
- JWST Multi-Object Spectrograph Planning Tool

Individuals may register for the JWST Proposal Planning Workshop until May 11th.

We look forward to seeing you there!

Sincerely,  
Stefanie Milam  
(on behalf of the SOC)

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Send submissions to:

Anne Verbiscer, DPS Secretary ([dpssec@aaas.org](mailto:dpssec@aaas.org) [18])

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To change your address email [address@aaas.org](mailto:address@aaas.org) [21]

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### Links:

- [1] <https://aas.org/marchforscience>
- [2] <https://www.marchforscience.com/satellite-marches/>
- [3] <https://aas.org/content/aasmarches-social-media-campaign>
- [4] <https://aas.org/policy-resources/information-about-relevant-policies-115th-congress>
- [5] <https://eclipse.aas.org/>
- [6] [https://dps.aas.org/public\\_policy](https://dps.aas.org/public_policy)
- [7] <http://pds-atmospheres.nmsu.edu/>
- [8] <http://pds-geosciences.wustl.edu/>
- [9] <http://pds-ppi.igpp.ucla.edu/>
- [10] <http://pds-rings.seti.org/>
- [11] <https://pds-smallbodies.astro.umd.edu/>
- [12] <mailto:arh@psi.edu>
- [13] <mailto:terry.a.hurford@nasa.gov>
- [14] <http://impact.colorado.edu/lungradcon/2017/>
- [15] <mailto:lungradcon@gmail.com>
- [16] <http://www.lcpm12.org/>
- [17] <https://jwst.stsci.edu/news-events/events/events-area/stsci-events-listing-container/american-astro>



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