

Newsletter 16-35

Issue 16-35, September 18, 2016

+-----CONTENTS-----+

1. DPS LOGO SHIRTS AT LANDS' END
2. REMINDERS FOR UPCOMING DPS 48/EPSC 11 DEADLINES
3. JWST EVENTS AT DPS 48/EPSC 11
4. NASA SCIENCE MISSION DIRECTORATE SEEKING VOLUNTEER REVIEWERS
5. DAP-2017 CALL FOR ABSTRACTS
6. MID-CYCLE OBSERVATIONS WITH HST
7. AGU-JPGU JOINT MEETING MAY 20-25, 2017
8. JOBS, POSITIONS, OPPORTUNITIES

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1-----1-----1-----1-----1-----1-----1-----1-----1-----1

DPS LOGO SHIRTS AT LANDS' END

For those of you who want to sport pride in your professional society at this fall's meeting, you can now order Lands' End apparel festooned with the DPS logo.

To do so, login or register at business.landsend.com [1] and use the logo #1479609 and the customer #4348569. They usually turn orders around in 2 weeks or so, so there's still time to have orders delivered before you leave for Pasadena!

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REMINDERS FOR UPCOMING DPS 48/EPSC 11 DEADLINES

Pasadena, CA, 16-21 October 2016 at the Pasadena Convention Center

<https://aas.org/meetings/dps48> [2]

* Important date

- 21 September: Open Mic Submissions Deadline

The DPS is grateful to our Meeting Sponsors:

ESA

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NASA

The Johns Hopkins Applied Physics Laboratory

AURA

Nature Astronomy

Southwest Research Institute
Ball Aerospace

Nature Geoscience

Planetary Science Institute

The Planetary Society

Space Science Institute

The University of Arizona Press

Universities Space Research Association (USRA)

VORTICES

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JWST EVENTS AT DPS 48/EPSC 11

The James Webb Space Telescope (JWST) is scheduled to launch in October 2018,
and the first proposal deadlines are quickly approaching over the next 18 months.

The project and STScI are working on a series of workshops and events to help

prepare the community with proposal tools, capabilities, opportunities, and deadlines.

At the DPS 48/EPSC 11 Meeting, the JWST will host two events as follows:

Sunday, October 16 from 1:00pm-4:00pm there will be a JWST Early Release Science (ERS) Program Workshop in C106 at the Pasadena Convention Center.

This workshop will help prepare the community for ERS proposals with proposal preparation demonstration and community discussion. ERS proposals will be due in the Spring 2017! The workshop will be available to individuals unable to attend the meeting via WebEx and connection details will be posted soon here:

<https://jwst.stsci.edu/science-planning/science-corner/planetary-systems-and-the-origin> [3]

On Tuesday, October 18 from 12:00pm-1:30pm JWST will hold a Townhall event "Observing the Solar System with the JWST" in C107 at the Pasadena Convention Center. Lunch will be provided to the first 50 participants (Registration for the event is not required) - sponsored by Ball Aerospace. A special presentation will be given by Will Grundy (Lowell Observatory) as well as status and updates for solar system observations.

STScI has already begun a series of webinars which have been recorded and are available here along with a future schedule:

<https://confluence.stsci.edu/display/JWSTLC/JWST+Community+Webinars> [4].

To receive future announcements and reminders, please send a blank email to jwst_webinars-subscribe-request@maillist.stsci.edu [5].

Subscribers will receive an email back with a link to click to confirm their intent to join. If you have any questions, please feel free to contact Stefanie Milam (Stefanie.n.milam <at> [nasa.gov](mailto:stefanie.n.milam@nasa.gov) [6]).

Mission Concept Briefing on the Far-IR Surveyor

Latest updates on the mission concept for the Far-IR Survey will be presented at the upcoming DPS 48/EPSC 11 Meeting on **Monday, October 17 from 12:30pm-2:00pm** in Ballroom F at the Pasadena Convention Center.

NASA initiated a community-based process to identify Mission Concepts for candidate large missions to follow the James Webb Space Telescope (JWST) and the Wide-Field Infrared Survey Telescope (WFIRST). The Science and Technology Definition Team (STDT) has been organized for the Far-IR Surveyor (<http://asd.gsfc.nasa.gov/firs/> [7]) and has a charter to deliver a competitive mission concept for the next Astrophysics decadal survey.

Members of the Solar System Community are encouraged to participate in this meeting to hear about the anticipated mission architecture, key science goals, and future activities to help define a competitive mission concept for the next generation space observatory.

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NASA'S SCIENCE MISSION DIRECTORATE IS SEEKING VOLUNTEER REVIEWERS

NASA's Science Mission Directorate is seeking subject matter experts to serve as mail-in and/or panel meeting reviewers of proposals to ROSES and other solicitations. Just follow the links below to the volunteer review forms and click the boxes to indicate the topics in which you consider yourself to be a subject matter. If your skills match our needs for this review we will contact you to discuss scheduling.

We are currently seeking reviewers for:

[Concepts for Ocean worlds Life Detection Technology](#) [8]

[Earth Science Applications: Ecological Forecasting](#) [9]

[Mars Data Analysis](#) [10]

[Planetary Science and Technology Through Analog Research](#) [11]

[Solar System Exploration Research Virtual Institute \(SSERVI\)](#) [12]

The names of the programs above should contain links to those individual review forms, but the landing page all of these forms may be found at:

<http://science.nasa.gov/researchers/volunteer-review-panels/> [13]

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DAP-2017 CALL FOR ABSTRACTS

The Dust, Atmosphere and Plasma environment of the Moon and Small Bodies (DAP-2017) workshop will be held at LASP in Boulder, Colorado on January 11-13, 2017. The workshop will be a forum to (i) discuss current understanding of the surface environment of the Moon, the moons of Mars, and comets and asteroids, (ii) share new results from past and ongoing missions to airless bodies and comets, and (iii) describe expectations for planned upcoming missions to airless bodies and comets. The meeting web site is hosted at:

http://impact.colorado.edu/dap_meeting.html [14]

DAP-2017 is a NASA/SSERVI follow up on two previous NASA/NLSI-SSERVI workshops, LDAP-2010 and DAP-2012. Contributions to LDAP-2010 and DAP-2012 were published in special issues of Planetary and Space Sciences. A similar volume is planned to report the contributions to DAP-2017.

The workshop is hosted by M. Horanyi and A. Stern, and supported by NASA's Solar System Exploration Research Virtual Institute (SSERVI): Institute for Modeling Plasma, Atmospheres, and Cosmic Dust (IMPACT), the Laboratory for Atmospheric and Space Physics (LASP), and the Center for Integrated Plasma Studies (CIPS) of the University of Colorado.

The DAP-2017 abstract deadline is Sept. 30th, 2016; submit your

abstract to dusty.meetings@gmail.com [15]

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MID-CYCLE OBSERVATIONS WITH HST

Proposers are reminded of the upcoming deadline for Mid-Cycle GO proposals. Mid-Cycle GO proposals MUST meet the following prime criteria:

1. Proposers must provide an explanation of why the proposal could not have been submitted in response to the standard annual Call for Proposals: for example, the target source may have been identified subsequent to the most recent proposal deadline.
2. Proposers must provide a clear description of the scientific urgency of these observations and why they should be executed in the present cycle.

Mid-Cycle GO proposals will also have the following characteristics:

- Proposals are limited to requesting no more than 10 orbits;
- Observations should have minimal constraints to maximize scheduling flexibility;
- Observations taken for accepted programs will have a proprietary period of no more than 3 months;
- Proposals may request only HST time - joint proposals are not permitted;
- Proposers may apply for all available instruments. Proposals must be compliant with the technical restrictions described in the Cycle 24 Call for Proposals.

PROPOSAL SUBMISSION AND REVIEW

Proposals should be submitted via the Astronomer's Proposal Tool (APT) as type GO, using the Mid-Cycle template for the pdf attachment. Proposals may be submitted by 23:59 pm on September 30, 2016; valid proposals submitted after that deadline will be held over for the second mid-cycle Cycle 24 review in February 2017. The proposals will be distributed for review by members of the community, with the results released by mid-November. There are no restrictions on re-submitting unsuccessful proposals in response to the Cycle 25 Call, which has a deadline of April 7, 2017.

Full details are found at:

<http://www.stsci.edu/hst/proposing/mid-cycle-submission> [16] [1].

Links:

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- [1] <http://www.stsci.edu/hst/proposing/mid-cycle-submission> [16]
[2] https://proper.stsci.edu/proper/subscriptions/optout/odtb_1ht [17]

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AGU-JPGU JOINT MEETING MAY 20-25, 2017

The first joint meeting of the Japan Geoscience Union and the American Geophysical Union will be held from May 20-25, 2017 in Chiba, Japan (<http://www.jpгу.org/index-e/> [18]). The meeting covers frontier research in all areas of Space and Planetary Science, Solid Earth, Atmosphere and Hydrosphere Science, Biogeoscience, and Human Geoscience. The program committee, consisting of members from both Unions, welcomes you to submit your session proposals at http://www.jpгу.org/meeting_e2017/ [19].

The call is open from Sept. 1 - Oct. 13, 2016 5 PM JST.

Abstract submission will be open from Jan. 6-Feb. 16, 2017.

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JOBS, POSITIONS, OPPORTUNITIES

- A) FACULTY POSITION IN PLANETARY
MINERALOGY/PETROLOGY/GEOCHEMISTRY
Department of Earth and Planetary Sciences
University of Tennessee
Knoxville, Tennessee

<https://dps.aas.org/content/faculty-position-planetary-mineralogypetrologygeochemistry> [20]

B) CO-INVESTIGATOR NEEDED FOR NEO FOLLOW-UP PROJECT

<http://www.tenagraobservatories.com> [21]

Must have good telescope skills and experience, especially hands on with sub 1.0-m telescopes of all kinds and a variety of CCD cameras, extensive experience in astrometry of MPs (especially NEOs). Must be able to stand in for PI, manage data analyst and programmer as well as manage 3 telescopes, two on-site in S. Arizona and one remote in the Sierra Nevada in California. Must live local to S. Arizona and have own car. Experience in programing, especially Visual Basic and FORTRAN, a definite plus. This is a VERY hands-on position requiring learning Tenagra Observatories' NEO nightly triage and tools for morning analysis output from moving body detection system as well as trouble shooting 3 telescopes. Candidates must have a high level of independence and creative solutions from hardware to software. Some overseas travel necessary.

Position begins 1/1/17 and ends 12/31/20.

Contact: Michael Schwartz, mbs@tenagraobservatories.com [22]

C) CALL FOR APPLICATIONS: IMPRS PHD POSITIONS

IN SOLAR SYSTEM SCIENCE IN GÖTTINGEN, GERMANY

DEADLINE NOVEMBER 15, 2016

Dear colleague,

The International Max Planck Research School for Solar System Science at the University of Göttingen (<http://www.solar-system-school.de> [23]) invites applications for several PhD positions.

I would be grateful if you could distribute the announcement below to your institute's mailing list and specifically bring it to the attention of students.

If you wish, you can also download and post the announcement as well as our poster from

<https://www.mps.mpg.de/phd/applynow> [24]

Files:

<https://www.mps.mpg.de/phd/solar-system-school-call-2016.pdf> [25]

<https://www.mps.mpg.de/phd/solar-system-school-poster-2016.pdf> [26]

<https://www.mps.mpg.de/phd/solar-system-school-poster-imprs-2016.jpg> [27]

or share the facebook post at <https://www.facebook.com/MPSGoettingen> [28]

Thank you very much for your consideration,
Sonja Schuh



D) TENURE TRACK W2/W3 PROFESSORSHIP IN EXPERIMENTAL
PLANETOLOGY, UNIVERSITY OF BAYREUTH

The University of Bayreuth is a research-oriented university with internationally competitive and interdisciplinary profile fields in research and teaching. At the Bavarian Research Institute of Experimental Geochemistry & Geophysics (Bayerisches Geoinstitut) of the University of Bayreuth applications are invited for a tenure track W2/W3 professorship in Experimental Planetology.

The position will be initially filled at the associate professor level (W2) but can be converted to a full professorship (W3) upon successful demonstration of excellence in research and teaching. The Bayerisches Geoinstitut is seeking an outstanding scientist with broad experience in experimental methods to investigate aspects of planetary formation, evolution and tectonic processes. Candidates are sought from the fields of experimental petrology, geochemistry and geophysics whose research interests embrace the study of the origin, composition, structure and dynamics of planets and, in particular, planetary interiors.

Please send your cover letter, CV, a publications list, a list of courses taught, your certificates, and a description of your research to the Dean of the Faculty of Biology, Chemistry and Earth Sciences by 26.10.2016. Please also submit an identical copy of your application as a single PDF file (up to 30 MB) to dekanat.bcg@uni-bayreuth.de [29].

E) GEORGE MASON UNIVERSITY ASSISTANT/ASSOCIATE

PROFESSOR, EXTRASOLAR PLANETS

The George Mason University (<http://www.gmu.edu/> [30]) Department of Physics and Astronomy invites candidates a tenure-track faculty position in Extrasolar Planets. George Mason University has a strong institutional commitment to the achievement of excellence and diversity among its faculty and staff, and strongly encourages candidates to apply who will enrich Mason's academic and culturally inclusive environment.

Responsibilities:

The successful candidate is expected to carry out a vigorous and externally funded research program; teach courses at the undergraduate and graduate levels; and provide service activities.

Qualifications:

Applicants must have completed a Ph.D. in physics, astronomy, or a closely related field, prior to the first day of this appointment.

Well-qualified candidates will have postdoctoral research experience and show promise for developing an independent and externally funded research program. Consideration for expertise in observational and theoretical studies of extrasolar planets including detection, characterization and formation and evolution.

For a complete listing of duties and qualifications, and to apply for position F9967z, go to:

<http://jobs.gmu.edu/> [31]

George Mason University is an EO/AA employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, gender identity, sexual orientation, national origin, disability, or protected veteran status.

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Send submissions to:

Anne Verbiscer, DPS Secretary (dpssec@aaas.org [32])

To unsubscribe visit <http://aas.org/unsubscribe> [33] or email unsubscribe@aaas.org [34].

To change your address email address@aaas.org [35].

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Links:

[1] <http://business.landsend.com/>

[2] <https://aas.org/meetings/dps48>

[3] https://jwst.stsci.edu/science-planning/science-corner/planetary-systems-and-the-origin#_blank

[4] https://confluence.stsci.edu/display/JWSTLC/JWST+Community+Webinars#_blank

[5] mailto:jwst_webinars-subscribe-request@maillist.stsci.edu

[6] <http://nasa.gov/>

[7] http://asd.gsfc.nasa.gov/firs/#_blank

[8] <http://science.nasa.gov/researchers/volunteer-review-panels/roses-2016-c20-concepts-ocean-worlds->

life-detection-technology/

[9] <http://science.nasa.gov/researchers/volunteer-review-panels/earth-science-applications-ecological-fo-recasting/>

[10] <http://science.nasa.gov/researchers/volunteer-review-panels/mars-data-analysis-program/>

[11] <http://science.nasa.gov/researchers/volunteer-review-panels/roses-2016-c14-planetary-science-and-technology-through-analog-research/>

[12] <http://science.nasa.gov/researchers/volunteer-review-panels/2016-sservi/>

[13] <http://science.nasa.gov/researchers/volunteer-review-panels/>

[14] http://impact.colorado.edu/dap_meeting.html

[15] <mailto:dusty.meetings@gmail.com>

[16] <http://www.stsci.edu/hst/proposing/mid-cycle-submission>

[17] https://proper.stsci.edu/proper/subscriptions/optout/odtb_1ht

[18] <http://www.jpogu.org/index-e/>

[19] http://www.jpogu.org/meeting_e2017/

[20] <https://dps.aas.org/content/faculty-position-planetary-mineralogypetrologygeochemistry>

[21] <http://www.tenagraobservatories.com/>

[22] <mailto:mbs@tenagraobservatories.com>

[23] <http://www.solar-system-school.de/>

[24] <https://www.mps.mpg.de/phd/applynow>

[25] <https://www.mps.mpg.de/phd/solar-system-school-call-2016.pdf>

[26] <https://www.mps.mpg.de/phd/solar-system-school-poster-2016.pdf>

[27] <https://www.mps.mpg.de/phd/solar-system-school-poster-imprs-2016.jpg>

[28] <https://www.facebook.com/MPSGoettingen>

[29] <mailto:dekanat.bcg@uni-bayreuth.de>

[30] <http://www.gmu.edu/>

[31] <http://jobs.gmu.edu/>

[32] <mailto:dpssec@aas.org>

[33] <http://aas.org/unsubscribe>

[34] <mailto:unsubscribe@aas.org>

[35] <mailto:address@aas.org>