

Newsletter 18-11

Issue 18-11, March 11, 2018

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REMINDER: DPS 2018 PRIZE NOMINATIONS

Deadline: April 1, 2018

Every year the DPS recognizes exceptional achievement in our field.

Please consider nominating a respected colleague for one of the annual

DPS prizes. The DPS sponsors five prizes:

The [Gerard P. Kuiper Prize](#) [1] honors outstanding contributions to the field of planetary science.

The [Harold C. Urey Prize](#) [2] recognizes outstanding achievement in planetary research by a young scientist.

The [Harold Masursky Award](#) [3] acknowledges outstanding service to planetary science and exploration.

The [Carl Sagan Medal](#) [4] recognizes and honors outstanding communication by an active planetary scientist to the general public.

The [Jonathan Eberhart Planetary Sciences Journalism Award](#) [5] recognizes and stimulates distinguished popular writing on planetary sciences.

DPS members and the planetary science community-at-large are encouraged to submit nominations for DPS prizes.

A complete nomination submitted by the deadline will be considered by the DPS Prize subcommittee for 3 years (i.e. for this year's award, next year's award, and the year after that), or for the duration of a candidate's eligibility, whichever is less. Please fill out the [nomination form](#) [6], and it will be submitted to the prize subcommittee. The Eberhart Award has different rules and procedures than the other DPS Prizes, please see [its page](#) [5] for more information.

Scroll to the bottom of <https://dps.aas.org/prizes> [7] for rules and procedures.

Questions: dpsprize@aas.org [8] or lucy.mcfadden@verizon.net [9]

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TENTH ANNUAL SUSAN NIEBUR WOMEN IN PLANETARY SCIENCE EVENT AT LPSC 2018

Wednesday, March 21, 5:30 to 7:30 PM, Waterway 1-3

Ever feel like everyone in the room is smarter than you? That your accomplishments are just luck? Do you ever worry that your colleagues will figure out that you don't really belong? You are not alone. Please join us for a short workshop on "Imposter Syndrome" and strategies for dealing with it. As always, all are welcome regardless of gender. Light refreshments will be served thanks to sponsorship from the Division for Planetary Sciences. To RSVP (not required, but requested so we will have an idea about attendance numbers), or for more information, visit http://bit.ly/WIPS_2018 [10].

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2018B NASA IRTF CALL FOR PROPOSALS

The due date for the 2018B semester (August 1, 2018 to January 31, 2019) is Monday, April 2, 2018. See our online submission form <http://irtfweb.ifa.hawaii.edu/observing/applicationForms.php> [11], which is available for proposal submission from 12:00AM on March 01, 2018 until 5:00PM on April 02, 2018 HST. Available instruments include: (1) SpeX, a 0.7 - 5.3 micron cross-dispersed medium-resolution spectrograph (up to R=2,500) and imager; (2) MORIS, a 512x512 pixel Andor CCD camera (60"x60" field-of-view) mounted at the side-facing window of the SpeX cryostat that can be used simultaneously with SpeX; (3) iSHELL, a 1.1 - 5.3 micron cross-dispersed echelle spectrograph (up to R=75,000) and imager, and (4) MIRSI/MOC, a 5 - 20 micron camera and grism spectrograph as shared risk. Information on available facility and visitor instruments and performance can be found at: <http://irtfweb.ifa.hawaii.edu/Facility> [12]. Exposure time calculators for SpeX and iSHELL are available on the respective instrument webpages.

Please see <http://irtfweb.ifa.hawaii.edu/observing/callForProposals.php> [13]

for the full text.

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JWST CYCLE 1 CALL FOR ARCHIVAL RESEARCH (AR) PROPOSALS

The James Webb Space Telescope (JWST) Cycle 1 call for proposals now includes opportunities for Archival Research (AR) proposals of targets in the Guaranteed Time Observation (GTO) programs that have no exclusive access period – a full list can be found here: <https://tinyurl.com/y7kqsj7c> [14]. Most available programs include Solar System objects and details of these observations can also found through the link provided. The JWST AR Program can provide financial support for U.S. scientists for the analysis of such data sets. AR Proposals must outline a management plan and detailed budget for analyzing the data. Proposals for Archival Research are considered at the same time, and by the same reviewers, as proposals for observing time, on the basis of scientific merit.

The JWST Cycle 1 Proposals are DUE April 6, 2018 at 8pm Eastern Time.

The full call for proposals can be found here:

<https://jwst-docs.stsci.edu/display/JSP/James+Webb+Space+Telescope+Call+for+Proposals+for+Cycle+1> [15]

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JWST OBSERVATION PLANNING: MOVING TARGET VISIBILITY TOOL

The JWST target visibility tool now includes the capability to retrieve ephemerides for moving targets from JPL/Horizons and give users information about target visibility windows and valid telescope roll angles. The latter can be particularly useful for planning observations of the satellites of Jupiter and Saturn. Instructions and documentation

are available on the [JWST Target Visibility Tool](#) [16] page, and links there.

Please direct any questions to the [JWST Help Desk](#) [17] , under the Solar System

Observing category.

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INTERNATIONAL VENUS CONFERENCE

Abstract Submission and Registration for the International Venus Conference to be held in Niseko, Hokkaido, Japan from 11 September to 14 September 2018 is now open. A small fund for travel support primarily intended for, but not limited to, Early Career attendees is available. Please visit this website for any updated registration and abstract submission information:

<https://www.cps-jp.org/~akatsuki/venus2018/registration.html> [18]

Following the successful series of Venus conferences (La Thuile, Aussois, Sicily, and Oxford), the Akatsuki team and community in Japan are planning to host a Venus conference in 2018. The dates will be 11-14 September 2018 and the location will be a beautiful resort in Hokkaido (it will not be skiing season though). The conference is supported by the Fujihara Foundation of Science, so it is entitled "The 74th Fujihara Seminar".

The conference is intended to cover all areas of Venus science with special focus on new results obtained from Japan's Venus Climate Orbiter "Akatsuki". Results from previous missions, from ground-based observations, numerical computations, and theoretical works are all welcome.

More info at Conference website:

<https://www.cps-jp.org/~akatsuki/venus2018/> [19]

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WORKSHOP: CARBON IN THE SOLAR SYSTEM

April 25-27, 2018 Denver, CO

Abstract deadline has been extended to March 13, 2018!

This workshop focuses on results from the Pluto system, the Saturn system, Mercury, and nearly all points in between: how do carbonaceous compounds become weathered in response to thermal processes and irradiation? how to recognize carbon compounds and their weathering products? Papers covering modeling, lab and observational results are welcome.

There is no registration fee and the workshop will not have an assigned NCTS#

<https://carbon-workshop.arc.nasa.gov> [20]

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SPICE TRAINING ANNOUNCEMENT

The ESA SPICE Service (ESS) and the Navigation and Ancillary Information Facility (NAIF) will conduct a SPICE observation geometry training class on June 19-22, 2018 in Madrid, SPAIN. SPICE at ESA is described at:

<http://www.cosmos.esa.int/web/spice/home> [21]

The class is free and open to all professionals and students involved in Solar System exploration. Further information about the class and the class registration form are found at:

<https://www.cosmos.esa.int/web/spice/training-class-june-2018> [22]

Registration is due by May 30, 2018.

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JOBS, POSITIONS, OPPORTUNITIES

A) RESEARCH ASSOCIATE CORNELL UNIVERSITY

The Planetary Remote Sensing group at Cornell University is seeking a Research Associate to join our diverse team. The position will be for an initial one-year appointment, but is renewable with continuation for a second and third year contingent upon performance, and interest. Continuation beyond three years will be contingent on continued availability of funds. The nominal starting date is flexible.

The successful candidate will work with Professor Alexander Hayes and his group, and closely collaborate with other members of the department (and their groups) including Professors Jonathan Lunine, Steven Squyres, and Philip Nicholson. While there is considerable latitude in the science program that can be pursued, specific topics of interest include numerical modeling and photogrammetric analysis with applications to Titan, 67P/Churyumov-Gerasimenko, and Mars.

A Ph.D. in Planetary Science or a related field is required and applicants should have one to two years post PhD research experience. Applicants



should have prior experience in, and a strong interest in Planetary Remote Sensing.

Applicants should submit a CV (including list of publications) and a brief (1-2 page) description of research interests, all in a single pdf file, to Ms. Lynda Sovocool at lmk3@cornell.edu [23]. (Please note "Planetary Research Associate" in the subject heading.) They should also arrange for three letters of recommendation to be sent to the same email address (Please note the applicant's name and Remote Sensing RA in the subject heading). Applications will be accepted until the position is filled, although we will begin reviewing dossiers in mid-March. Applicants may also apply through Academic Jobs online. <https://academicjobsonline.org/ajo/jobs/10944> [24].

Included Benefits: Benefit information can be reviewed at:

<https://www.hr.cornell.edu/benefits/> [25]

Cornell University is an Affirmative Action, Equal Opportunity Employer. Women and underrepresented minorities are strongly encouraged to apply.

Diversity and Inclusion are a part of Cornell University's heritage. We are a recognized employer and educator valuing AA/EEO, Protected Veterans, and Individuals with Disabilities.

B) TENURE-TRACK PLANETARY SCIENCES FACULTY POSITION AT CALTECH

The Division of Geological and Planetary Sciences at the California Institute of Technology is seeking outstanding applicants for a tenure-track faculty position in planetary science at the assistant professor level. We are especially interested in individuals whose research complements that in the Division, which covers the full spectrum of the earth and planetary sciences. We are

particularly interested in applicants with solar system-focused research programs in planetary geophysics/geology, planetary atmospheric sciences, or small bodies research; but those in other sub-disciplines will be considered. Review will begin March 16, 2018.

For more details and to apply for the position: <https://applications.caltech.edu/job/ps> [26]

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Send submissions to:

Anne Verbiscer, DPS Secretary (dpssec@aas.org [27])

To unsubscribe visit <http://aas.org/unsubscribe> [28] or email unsubscribe@aas.org [29].

To change your address email address@aas.org [30]

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Links:

- [1] <https://dps.aas.org/prizes/kuiper>
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- [5] <https://dps.aas.org/prizes/eberhart>
- [6] <https://dps.aas.org/prizes/nomination-form>
- [7] <https://dps.aas.org/prizes>
- [8] <mailto:dpsprize@aas.org>
- [9] <mailto:lucy.mcfadden@verizon.net>
- [10] http://bit.ly/WIPS_2018



- [11] <http://irtfweb.ifa.hawaii.edu/observing/applicationForms.php>
- [12] <http://irtfweb.ifa.hawaii.edu/Facility>
- [13] <http://irtfweb.ifa.hawaii.edu/observing/callForProposals.php>
- [14] <https://tinyurl.com/y7kqsj7c>
- [15] <https://jwst-docs.stsci.edu/display/JSP/James+Webb+Space+Telescope+Call+for+Proposals+for+Cycle+1>
- [16] <https://jwst-docs.stsci.edu/display/JPP/JWST+General+Target+Visibility+Tool+Help>
- [17] <https://stsci.service-now.com/jwst>
- [18] <https://www.cps-jp.org/%7Eakatsuki/venus2018/registration.html>
- [19] <https://www.cps-jp.org/%7Eakatsuki/venus2018/>
- [20] <https://carbon-workshop.arc.nasa.gov/>
- [21] <http://www.cosmos.esa.int/web/spice/home>
- [22] <https://www.cosmos.esa.int/web/spice/training-class-june-2018>
- [23] <mailto:lmk3@cornell.edu>
- [24] <https://academicjobsonline.org/ajo/jobs/10944>
- [25] <https://www.hr.cornell.edu/benefits/>
- [26] <https://applications.caltech.edu/job/ps>
- [27] <mailto:dpssec@aas.org>
- [28] <http://aas.org/unsubscribe>
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