

Newsletter 18-09

Issue 18-09, February 25, 2018

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FINAL REMINDER: RENEW YOUR 2018 AAS/DPS MEMBERSHIP

If you haven't renewed your AAS/DPS membership for 2018 by Friday, 2 March, your AAS/DPS membership will be suspended and your member benefits cut off. Renewals after that date will incur a \$10 late fee and you will no longer receive the DPS Newsletter until you renew.

Each year, the DPS loses about 300 members at this time. Avoid the hassle of renewing before the annual meeting and do so before 2 March. Renew today!

If you have any questions about your dues or benefits, or need assistance when logging in, please contact the membership team by email at membership@aas.org [1] or by phone at 202-328-2010. Thank you!

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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](#) [2] honors outstanding contributions to the field of planetary science.

The [Harold C. Urey Prize](#) [3] recognizes outstanding achievement in planetary research by a young scientist.

The [Harold Masursky Award](#) [4] acknowledges outstanding service to planetary science and exploration.

The [Carl Sagan Medal](#) [5] recognizes and honors outstanding communication by an active planetary scientist to the general public.

The [Jonathan Eberhart Planetary Sciences Journalism Award](#) [6] 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](#) [7], 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](#) [6] for more information.

Scroll to the bottom of <https://dps.aas.org/prizes> [8] for rules and procedures.

Questions: dpsprize@aas.org [9] or lucy.mcfadden@verizon.net [10]

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VISIT THE PDS BOOTH AT LPSC!

The PDS booth in the LPSC exhibit area will be staffed with PDS personnel who can provide you with guidance or assistance on a wide range of PDS topics. Training opportunities will also be available! Sign up to request help with specific topics here: <https://goo.gl/forms/hiX1mj3ESCAtIjRh2> [11], or drop in for an informal chat with PDS staff.

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ANNUAL MEETING OF THE DDA, APRIL 15-19 IN SAN JOSE, CA

Announcement Text: The annual meeting of the Division on Dynamical Astronomy of the AAS will be April 15-19 in San Jose, CA. We will feature special sessions entitled: (1) The Good, the Bad, & the Ugly: How Do Simulators Compare Their Data to Observations and How Can They Do It Better?, (2) 1I/`Oumuamua: the First Interstellar Asteroid, and (3) Pebble in the Sky: Meteoroids and their Orbits. A special public lecture will be given by Cristóbal Petrovich as well as prize talks

by our inaugural Vera Rubin Prize winner Dan Fabrycky and our Dirk Brouwer

Award winner Ortwin Gerhard.

Contributed talks are solicited in all aspects of Dynamical Astronomy. Abstract submission is due by March 2 and early registration ends March 16. The meeting website is: <https://dda.aas.org/meetings/2018> [12].

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EXOPLANETS ORBITING HOT STARS CONFERENCE

The "Exoplanets Orbiting Hot Stars" conference will be held on June 20-22, 2018, on the campus of Vanderbilt University in Nashville, TN, USA.

In the era of TESS and Gaia, many of the brightest and best characterized exoplanet hosts will be hot stars. Recent advances in technology and methodology have enabled the discovery and study of exoplanets around hot stars. This meeting will bring together experts on such planets, the stars they orbit, and the many different observational and theoretical methods used to study them. Topics will include planet detection methods; characterization of the host stars; planetary atmospheres; planetary demographics; planet formation and evolution; and upcoming missions and future prospects.

Additional information on the meeting is available at vu.edu/planetsaroundhotstars

Registration and abstract submission are now open. The abstract deadline is May 4, 2018.

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EXOPAG MEETING JULY 29 IN BOSTON, MA

NASA's Exoplanet Program Analysis Group (ExoPAG) and NASA's Exoplanet Exploration Program (ExEP) Office invite all postdocs and graduate students interested in the intersection of exoplanets and space-based astronomy to attend the ExoPAG meeting on Sunday, July 29th in Boston, MA.

This year, the ExoPAG 18 conference plans to include a mini-symposium focusing on M dwarf stars as exoplanet hosts. Postdocs and graduate students are invited to present their research at this session, and travel support is available for up to three participants. Presentations may focus on observational and theoretical studies of:

- Characteristics of M dwarfs that impact exoplanet observations;
- Characteristics of M dwarfs that impact planetary atmospheres, evolution and habitability.

For details and application guidelines, see [here](#) [13].

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DIFFERENTIATION CONFERENCE: ABSTRACT DEADLINE MARCH 1

The abstract deadline for Differentiation: Building the Internal Architecture of Planets is March 1. The focus of this conference is on understanding the physical and chemical conditions associated with the formation of crusts, cores, atmospheres, and oceans on both rocky and volatile-rich bodies. We seek input from many types of studies, including petrologic, isotopic, trace element, and paleo-magnetic analyses of samples, geophysical probes of planetary interiors, and experimental and numerical simulations. There will be an optional, pre-conference field trip to an anorthosite complex in the San Gabriel Mountains on May 7. The conference will consist of 3.5 days of presentations and discussion, May 8-11, ending by noon on May 11.

Abstracts are limited to ONE page and should be submitted via the conference website:

www.hou.usra.edu/meetings/differentiation2018/ [14]

Some travel support will be available for early career individuals and should also be applied for via the conference website.

For additional information, contact the lead conference convener, Walter Kiefer (kiefer@lpi.usra.edu [15]).

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JOBS, POSITIONS, OPPORTUNITIES

A) 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> [16]

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Send submissions to:

Anne Verbiscer, DPS Secretary (dpssec@aas.org [17])

To unsubscribe visit <http://aas.org/unsubscribe> [18] or email unsubscribe@aas.org [19].

To change your address email address@aas.org [20]

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