Newsletter 20-41

Issue 20-41, September 2, 2020

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+---------------------------------CONTENTS--------------------------------------+
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1---------1---------1---------1---------1---------1---------1---------1---------1
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#DPS2020 BLOCK SCHEDULE AND REGISTRATION

https://aas.org/meetings/dps52 [1]

Abstract authors will be notified about presentation details next week.

Don't forget to register [2] for #DPS2020! Registration will be open throughout the meeting

until 30 October, and the deadline for presenters to register is 5 October. For the best

meeting experience, we recommend registering before 19 October to watch prerecorded

talks prior to the live topical discussions, which begin on 26 October.

In additional to an exciting science program that includes live discussions of pre-recorded

talks and iPosters, along with ongoing asynchronous topical discussions on Slack, DPS

attendees can look forward to these events during DPS week:

The DPS is a Division of the

- Decadal Survey townhall

- NASA-NSF townhall

- Career center

- Planetary science art fair

- Student & early career reception

- Daily Science Chats: informal discussions of topics from that day's sessions. Interactions

between early career and more senior scientists will be encouraged.

- Women in Planetary Science discussion hour

- Open mic night

- Social hours and games

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DPS 2020 DEPENDENT CARE GRANTS

The DPS Susan Niebur Professional Development Fund provides financial assistance

to qualifying members of the DPS in order to facilitate their meeting participation by

offsetting dependent care costs (such as childcare, elder care, spousal care, etc) at the

meeting location, or at home, during the DPS conference week. This includes dependent

care expenses needed to allow attendance and participation in the 2020 virtual DPS meeting.

The DPS Professional Development Subcommittee will accept applications for dependent

care subsidies to assist an eligible DPS member to participate in the 2020 DPS Meeting.

The initial submission deadline is Monday, September 14, 2020. The review of submissions

will begin Tuesday September 15; however, further requests will be accepted and reviewed,
funding and eligibility permitting.

Please access the grant application form at https://dps.aas.org/development#grants [3] .

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Mark Gurwell, DPS Professional Development Subcommittee member

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NEXT EXOPAG SIG3 TUTORIAL

The next ExoPAG SIG3 Exoplanet-Solar System Synergy Tutorial Talk will be given by

Prof. Nancy Chanover, who will provide an introduction to the Planetary Data System Atmospheres Node for those who might be considering using the PDS for exoplanet science.

These tutorial talks are aimed at introducing field newcomers to important topics or methods

in planetary and exoplanetary science. They typically include a 30 minute tutorial from an

expert to introduce the topic, followed by a 30 minute group discussion of a recent paper in which the topic/method features. The details for Nancy's talk are listed below:

Date/Time: Sept 10th at 11am PDT / 2pm EDT

Zoom
Link: https://washington.zoom.us/j/95177555751?pwd=UGZ0bnMyZVVNbmptcmZmZm1adWJkZz09 [4]

Speaker: Nancy Chanover [5], Professor of Astronomy, New Mexico State University

Title: How to Leverage NASA's Planetary Data System Atmospheres Node for Exoplanet Science

Abstract: The NASA Planetary Data System Atmospheres Node is charged with archiving atmospheric data from NASA's solar system missions, as well as ground-based observations, laboratory experiments and analog field measurements conducted in support of NASA's missions. In this presentation I will provide a brief overview of the PDS Atmospheres Node data archive and discuss its relevance to the exoplanet atmospheric science community. I will also briefly discuss nomenclature issues that might be confusing to first-time users and point to PDS-based resources to help interpret them. Finally, I will discuss a paper (Elrod et al. 2018) that illustrates the use of data archived at the PDS Atmospheres Node for understanding the role that solar activity plays in driving atmospheric escape on Mars.

Paper for Discussion: Elrod et al. (2018), GRL, https://doi.org/10.1029/2018GL077729 [6]

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WHITE PAPERS ON DEIA TOPICS IN RESPONSE TO THE REQUEST FOR
COMMUNITY INPUT INTO THE 2023-2032 PLANETARY SCIENCE AND
ASTROBIOLOGY DECADAL SURVEY

Diversity, Equity, Inclusion and Accessibility (DEIA) efforts within the Planetary

Science community have become a focus point of several NASA Assessment/Analysis

Groups (AGs). The EDI Working Group (WG) was formed by the AGs and its steering
committee consists of members of each AG steering committee and several affinity

groups. The WG has helped gather community input in the form of a series of

Professional White Papers (WPs) in preparation for the Planetary Science and

Astrobiology Decadal Survey (Planetary2023). These WPs will be submitted by

their individual authors in support of the Planetary2023's Statement of Task Part 9:

The state of the profession including issues of diversity, inclusion, equity, and accessibility,

the creation of safe workspaces, and recommended policies and practices to improve

the state of the profession. Where possible, provide specific, actionable and practical
recommendations to the agencies and community to address these areas.

Link to the Table of DEIA WPs for Planetary2023:
https://docs.google.com/spreadsheets/d/1t5hpGpVIWokwaymDITyMaYAVWJ4viFTsXDJVwTQb9gQ/edit?usp=sharing [7]

We request that the planetary science community read and consider each of these

important WPs. The WPs each have links for individual co-signatures. Again, the

intention of this table is to amplify the priority of each of these WPs, as the topic of

State of the Profession is a high priority for the entire planetary science community.

Note that the State of the Profession deadline is September 15th, 2020, so individual
endorsements and co-signatures before that time are encouraged.

If you are the author of a DEIA-related white paper not on our spreadsheet and you'd

like to be included, please contact both of the WG Co-Chairs, Moses Milazzo
(moses@otherorb.net [8]) and Christina Richey (christina.r.richey@jpl.nasa.gov [9])

as soon as possible.

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JOBS, POSITIONS, OPPORTUNITIES

A) ASSISTANT PROFESSOR OPENING – MIT/EAPS

The Department of Earth, Atmospheric and Planetary Sciences (EAPS) at the

Massachusetts Institute of Technology (MIT) Cambridge, Massachusetts invites

applications for a tenure-track faculty position in the broad area of Planetary Science.

We seek an outstanding scientist with interest in and potential for innovation and

leadership in planetary science that complements and/or expands the Department's

expertise. EAPS is an academic community of approximately 40 faculty, 100 research

staff (including postdocs), and 180 students, who together form leading research

programs on all aspects of Earth, planetary, geo-biological, and ocean, atmospheric,

and climate sciences, some of which reside within the MIT WHOI Joint Program.

EAPS is committed to academic excellence and to fostering a diverse, equitable, and

inclusive environment. We seek candidates who have both the potential and strong

commitment for innovation and leadership in teaching and mentoring undergraduate

and graduate students, and share the Principles of our Community [10].

A complete application includes a cover letter, curriculum vitae, a 1- to 2- page statement

on research and one on teaching and mentoring, and three letters of recommendation.

Recognizing that educational experiences of all students are enhanced when the diversity

of their backgrounds is acknowledged and valued, we ask candidates to articulate (in

the teaching and mentoring statement, and, as appropriate, in the cover letter or research

statement) their views on inclusivity and equity as they pertain to teaching, mentorship,

research, and service.

Applicants must hold a Ph.D. in planetary science, astronomy/astrophysics, or other

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related field by the start of employment. Our intent is to hire at the assistant professor

level, but moresenior appointments may also be considered. Applications are being

accepted at Academic Jobs Online: https://academicjobsonline.org/ajo/jobs/16642 [11]

To receive full consideration, complete applications must be received by November 1, 2020.

Search Contact: Ms. Karen Fosher, HR Administrator, EAPS, 54-924

Massachusetts Institute of Technology, 77 Massachusetts Avenue, Cambridge, MA 02139-4307,

email: kfosher@mit.edu [12]

MIT is an equal employment opportunity employer. All qualified applicants will receive

consideration for employment and will not be discriminated against on the basis of race,

color, sex, sexual orientation, gender identity, religion, disability, age, genetic information,

veteran status, ancestry, or national or ethnic origin.

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Send submissions to:

Anne Verbiscer, DPS Secretary (dpssec@aas.org [13])

You are receiving this email because you are a DPS member.

To unsubscribe or update your information, please send your request

to privacy@aas.org [14]. The more general AAS privacy policy is available

online at https://aas.org/about/policies/privacy-policy [15]. Current and back

issues of the DPS Newsletter can be found at https://dps.aas.org/newsletters [16]

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Footer

- Reports
- Photos
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- Bylaws
- Giving

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Links:

[1] https://urldefense.proofpoint.com/v2/url?u=https-3A__aas.org_meetings_dps52&d=DwMGaQ&c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk&r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4&m=_4ULeJv1piaH3xu_wpawaeyYHiF16SaGkMdoLkj9IoU&s=gge4V9xUrBd5UGKzz0K0BENu5KeQDltFBRGFT7GXBD0&e=

[2] https://urldefense.proofpoint.com/v2/url?u=https-3A__aas.org_meetings_dps52_registration&d=DwMGaQ&c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk&r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4&m=_4ULeJv1piaH3xu_wpawaeyYHiF16SaGkMdoLkj9IoU&s=5WD2As4Kkq6_6kLfoM0UrV3whPa4R7yT5sAEmJaf090&e=

[3] https://urldefense.proofpoint.com/v2/url?u=https-3A__dps.aas.org_development-23grants&d=DwMGaQ&c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk&r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4&m=_4ULeJv1piaH3xu_wpawaeyYHiF16SaGkMdoLkj9IoU&s=yZdCqr8YzVXKASnxgxNtdvXH2GznJtWizc9aOPHdkLM&e=

[4] https://urldefense.proofpoint.com/v2/url?u=https-3A__washington.zoom.us_j_95177555751-3Fpwd-3DUGZ0bnMyZVVNbmptcmZmZm1adWJkZz09&d=DwMGaQ&c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk&r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4&m=_4ULeJv1piaH3xu_wpawaeyYHiF16SaGkMdoLkj9IoU&s=h5XfmU-dNKgSuLZilWCm08PgTwm-Aj72uV5PQYsXuW0&e=

[5] https://urldefense.proofpoint.com/v2/url?u=http-3A__astronomy.nmsu.edu_directory_faculty_name_nancy-2Dchanover_&d=DwMGaQ&c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk&r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4&m=_4ULeJv1piaH3xu_wpawaeyYHiF16SaGkMdoLkj9IoU&s=GfC592kmwG7BK2aFDdJSn0P1dOMCqdpK8vWLsbQqkv8&e=

[6] https://urldefense.proofpoint.com/v2/url?u=https-3A__doi.org_10.1029_2018GL077729&d=DwMGaQ&c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk&r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4&m=_4ULeJv1piaH3xu_wpawaeyYHiF16SaGkMdoLkj9IoU&s=Ao8RgvgOiF5ZlOMiolhmr35ZRAWhZJhmCVm4jqUbPOM&e=

[7] https://urldefense.proofpoint.com/v2/url?u=https-3A__docs.google.com_spreadsheets_d_1t5hpGpVIWokwaymDITyMaYAVWJ4viFTsXDJVwTQb9gQ_edit-3Fusp-3Dsharing&d=DwMGaQ&c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk&r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4&m=_4ULeJv1piaH3xu_wpawaeyYHiF16SaGkMdoLkj9IoU&s=IEie4pmbvmzL8lfG9KMqRS1vDXjAen7pXpeTG_V1HJI&e=

[8] mailto:moses@otherorb.net

[9] mailto:christina.r.richey@jpl.nasa.gov

[10] https://urldefense.proofpoint.com/v2/url?u=https-3A__eapsweb.mit.edu_about_code-2Dconduct&d=DwMGaQ&c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk&r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4&m=_4ULeJv1piaH3xu_wpawaeyYHiF16SaGkMdoLkj9IoU&s=99T8oLzRR0rLxqysVu9Pz6AI7wQ7AlMFdb4p4MjvKrU&e=

[11] https://urldefense.proofpoint.com/v2/url?u=https-3A__academicjobsonline.org_ajo_jobs_16642&d=DwMGaQ&c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk&r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4&m=_4ULeJv1piaH3xu_wpawaeyYHiF16SaGkMdoLkj9IoU&s=iR6OZJR2JBjRQKTDDYojznLGJ4VJlb9NjnWQqxGTWKM&e=

[12] mailto:kfosher@mit.edu

[13] mailto:dpssec@aas.org

[14] mailto:privacy@aas.org

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