

Newsletter 20-45

Issue 20-45, September 28, 2020

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

1. MESSAGE FROM THE CHAIR: #DPS2020 SCIENCE PROGRAM + PERIPHERAL EVENTS POSTED
2. DPS PUBLICATIONS SUBCOMMITTEE SEEKS NEW MEMBERS
3. FIRST MEETINGS OF THE DECADAL SURVEY SCHEDULED
4. IMPORTANT NOTICE FOR NASA PDS DATA USERS
5. JOBS, POSITIONS, OPPORTUNITIES

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MESSAGE FROM THE CHAIR: #DPS2020 SCIENCE PROGRAM + PERIPHERAL EVENTS POSTED

The SOC and VOC have been hard at work finalizing plans for #DPS2020!

Please visit <https://aas.org/meetings/dps52> [1] to check out the detailed science program and listing of peripheral events. (If any program corrections are needed please contact reg-help@aas.org [2] and provide details; please include the abstract number and the author name).

Also, don't forget the upcoming deadlines:

1. Register for the meeting! **October 5 is the deadline** for presenters to register. Pre-recorded talks and iPosters will be available for viewing beginning October 19, so register before then to have access to content plus science discussions on Slack channels. Non-presenting attendees can register as late as October 30. Meeting

registrants will receive a special “DPS 2020” sticker!

2. **October 5 is the deadline** for presenters to let us know whether you plan to participate in your session’s Live Q&A discussion, which will take place on Zoom according to the block schedule

[<https://aas.org/sites/default/files/2020-09/52nd%20DPS%20Virtual%20Block%20Schedule.pdf> [3]].

We need confirmations from all live participants so that session chairs will be able to prepare effectively for these Q&A sessions. The link to the response form is in your confirmation email.

3. **October 9 is the deadline** for oral presenters: Upload your pre-recorded talk to the DPS video server.

4. **October 9 is the deadline** for iPoster presenters: Publish your iPoster. iPoster presenters may continue to revise iPosters until 19 October when all iPosters will go public. You may continue to revise your iPoster until 30 October, but do understand that they will have already been viewed.

We look forward to seeing you at #DPS2020!

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

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DPS PUBLICATIONS SUBCOMMITTEE SEEKS NEW MEMBERS

The DPS Publications Subcommittee (PubSubCom) advises and provides independent oversight on all activities and topics pertinent to DPS publishing concerns, and also stays aware of issues in planetary science publications more generally. The Publications Subcommittee regularly reviews the publication policies of journals that the DPS



endorses and supports (Icarus and the PSJ).

The PubSubCom seeks one to two new members willing to serve a three-year volunteer term. If you would like to self-nominate, please send an e-mail to the PubSubCom Chair (Ross Beyer, rbeyer@seti.org [4]) with a brief statement (a paragraph) indicating why you would be a good candidate and a two-page (maximum) CV. The PubSubCom will gather these self-nominations and make selections. Applicants will be notified after the DPS Fall Meeting.

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FIRST MEETINGS OF THE DECADAL SURVEY SCHEDULED

The Steering Group of the Decadal Survey on Planetary Science and Astrobiology will hold its first three meetings on the following dates: 30 September, 2 October, and 16 October. Agendas and URLs will be posted on the survey's website—<http://nas.edu/planetarydecadal> [5]—as they become available.

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IMPORTANT NOTICE FOR NASA PDS DATA USERS

PDS is considering a change to its standards, which may impact users of PDS data.

The current PDS standard requires that each line in ASCII table data and most text files ends with Carriage Return (CR) and Line Feed (LF) characters, the standard format for Windows. The change under consideration would additionally allow a second format used by Linux and MacOS systems in which every line ends with a Line Feed character

(LF) alone.

Most software applications can accommodate either format, regardless of the operating system. However, this change could affect some end users, especially those who have written software based on the current PDS standard. The line delimiter will continue to be specified in the PDS4 label accompanying such data files. PDS3 products and labels would be unchanged.

If and how PDS proceeds with this change depends in large part on the response of the community. Please send us feedback at sbn@psi.edu [6]. Please indicate whether you support this change, and how much advanced notification you would need (e.g., for software revision).

More details can be found at: <https://sbn.psi.edu/line-feed-notice> [7]

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JOBS, POSITIONS, OPPORTUNITIES

A) JPL POSTDOC IN OCEAN WORLDS ICE SHELLS

<https://jpl.jobs/jobs/2020-12443-Postdoctoral-Researcher-Ocean-Worlds-Ice-Shell-Modeling> [8]

In search of an enthusiastic researcher to join a wonderful group of icy explorers at JPL! JPL is accepting applications for a postdoctoral research position in geophysical modeling relevant to the icy layers of Jupiter's moon Europa, and potentially to other ocean worlds. This may



involve modeling of tectonic processes, constructing analytical or first-principles arguments, describing ice shell evolution, melting, freezing, and/or non-ice chemistry incorporation. These results will be used to understand the potential for future measurements by robotic spacecraft, and to derive environmental constraints on potential future concepts for subsurface and ocean access. Dr. Samuel Howell, an ocean worlds research scientist in the Planetary Interiors and Geophysics group, will serve as the primary postdoctoral advisor. Please contact samuel.m.howell@jpl.nasa.gov [9] with any questions. Candidates should have a recent Ph.D. in geology, planetary science, physics, or a related field, with a strong background in analytical, numerical, and/or statistical analysis as applied to geophysical research. Experience in research relevant to the outer planet satellites and the impacts of geophysical processes on habitability are highly desirable.

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Send submissions to:

Anne Verbiscer, DPS Secretary (dpssec@aas.org [10])

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Footer

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- [2] <mailto:reg-help@aaas.org>
- [3] [https://urldefense.proofpoint.com/v2/url?u=https-3A__aas.org_sites_default_files_2020-2D09_52nd-2 520DPS-2520Virtual-2520Block-2520Schedule.pdf&d=DwMGaQ&c=ApwzowJNAKKw3xye91w7 BE1XMRKi2LN9kiMk5Csz9Zk&r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4&m=W UFGYjyW5bmPE-evULlpo0nLM9yRTNU_4jTaEDJNgTo&s=_ac7yNRssRdhnciGRvV5TFg0QahHvF9oVpF N-glA1Pc&e=](https://urldefense.proofpoint.com/v2/url?u=https-3A__aas.org_sites_default_files_2020-2D09_52nd-2 520DPS-2520Virtual-2520Block-2520Schedule.pdf& d=DwMGaQ& c=ApwzowJNAKKw3xye91w7 BE1XMRKi2LN9kiMk5Csz9Zk& r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4& m=W UFGYjyW5bmPE-evULlpo0nLM9yRTNU_4jTaEDJNgTo& s=_ac7yNRssRdhnciGRvV5TFg0QahHvF9oVpF N-glA1Pc& e=)
- [4] <mailto:rbeyer@seti.org>
- [5] [https://urldefense.proofpoint.com/v2/url?u=http-3A__nas.edu_planetarydecadal&d=DwMGaQ&a mp;c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk&r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4&m=WUFGYjyW5bmPE-evULlpo0nLM9yRTNU_4jTaEDJNgTo&s=vmDZUiT S8rIHSvbUluYnMiFvegVK_hBv-vd2kvj8Kvo&e=](https://urldefense.proofpoint.com/v2/url?u=http-3A__nas.edu_planetarydecadal& d=DwMGaQ& a mp;c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk& r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4& m=WUFGYjyW5bmPE-evULlpo0nLM9yRTNU_4jTaEDJNgTo& s=vmDZUiT S8rIHSvbUluYnMiFvegVK_hBv-vd2kvj8Kvo& e=)
- [6] <mailto:sbn@psi.edu>
- [7] [https://urldefense.proofpoint.com/v2/url?u=https-3A__sbn.psi.edu_line-2Dfeed-2Dnotice&d=Dw MGaQ&c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk&r=fG5pH1N7YtwOEF6xelPA eRse0ND3CGAXrgq3T4Wd0y4&m=WUFGYjyW5bmPE-evULlpo0nLM9yRTNU_4jTaEDJNgTo&s=1 xQVHeAPhRpehvYrQFGTKQjey1xtwr8FGYX5WnHGNS4&e=](https://urldefense.proofpoint.com/v2/url?u=https-3A__sbn.psi.edu_line-2Dfeed-2Dnotice& d=Dw MGaQ& c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk& r=fG5pH1N7YtwOEF6xelPA eRse0ND3CGAXrgq3T4Wd0y4& m=WUFGYjyW5bmPE-evULlpo0nLM9yRTNU_4jTaEDJNgTo& s=1 xQVHeAPhRpehvYrQFGTKQjey1xtwr8FGYX5WnHGNS4& e=)
- [8] [https://urldefense.proofpoint.com/v2/url?u=https-3A__jpl.jobs_jobs_2020-2D12443-2DPostdoctoral-2 DResearcher-2DOcean-2DWorlds-2DIce-2DShell-2DModeling&d=DwMGaQ&c=ApwzowJNAKKw 3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk&r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4& amp;m=WUFGYjyW5bmPE-evULlpo0nLM9yRTNU_4jTaEDJNgTo&s=GHNsUUCHzDuRkeAtsFBo-QM9c 3RjXiePoGrXi0Mw6DU&e=](https://urldefense.proofpoint.com/v2/url?u=https-3A__jpl.jobs_jobs_2020-2D12443-2DPostdoctoral-2 DResearcher-2DOcean-2DWorlds-2DIce-2DShell-2DModeling& d=DwMGaQ& c=ApwzowJNAKKw 3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk& r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4& amp;m=WUFGYjyW5bmPE-evULlpo0nLM9yRTNU_4jTaEDJNgTo& s=GHNsUUCHzDuRkeAtsFBo-QM9c 3RjXiePoGrXi0Mw6DU& e=)
- [9] <mailto:samuel.m.howell@jpl.nasa.gov>
- [10] <mailto:dpssec@aaas.org>
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- [13] [https://urldefense.proofpoint.com/v2/url?u=https-3A__dps.aas.org_newsletters&d=DwMGaQ&a mp;c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk&r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4&m=WUFGYjyW5bmPE-evULlpo0nLM9yRTNU_4jTaEDJNgTo&s=Jvh6mMw EFAPqvpiAYBmKjAd6PKIMsxZcul23b1PzUD4&e=](https://urldefense.proofpoint.com/v2/url?u=https-3A__dps.aas.org_newsletters& d=DwMGaQ& a mp;c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk& r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4& m=WUFGYjyW5bmPE-evULlpo0nLM9yRTNU_4jTaEDJNgTo& s=Jvh6mMw EFAPqvpiAYBmKjAd6PKIMsxZcul23b1PzUD4& e=)