

Newsletter 20-49

Issue 20-49, October 24, 2020

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MESSAGE FROM THE CHAIR: LOOKING FORWARD TO OUR FIRST VIRTUAL DPS MEETING!

Well, it's not the meeting any of us thought, a year ago, that we'd be planning or attending, but it's our first virtual meeting, and it's really exciting.

I'm very proud of, and grateful for, the groundbreaking efforts put in by the Science Organizing Committee, led by Dr. Lucy Lim, and the Virtual Organizing Committee. They really rose to the challenge of designing an excellent meeting, both in science content and in networking opportunities. I'm also very grateful to the AAS Meetings Staff for their wonderful help in putting together all the details of the meeting and working with us to morph it into the gathering that we envisioned for the planetary community in the virtual environment.

As I close out my term as DPS Chair, I would like to express my appreciation to a

wonderfully supportive Committee - including officers and subcommittee chairs - who have really been inspirational and helpful throughout this turbulent year. The most important aspect of the DPS has always been the annual meeting and the opportunity to gather together to share science and community. This year has been particularly challenging and, I believe, has shown us how critical it is for the DPS to be not only about the annual meeting but about our scientists and supporting our people throughout the year.

I look forward to seeing you next week at #DPS2020.

Amanda Hendrix

DPS Chair

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UPCOMING DPS ITEMS OF INTEREST

* The **NASA-NSF Townhall** will be open to the public, Tues Oct 27, 5:00-6:00 PM ET.

Check <https://aas.org/meetings/dps52> [1] for the Zoom link.

* **The DPS Members Meeting** will be held, for DPS meeting registrants, on Oct 28, 1-2PM ET.

This is your chance to nominate a colleague for the DPS Nominating Subcommittee! Please come prepared with a name (and make sure that person is present and ok with being nominated), to be entered in the Zoom chat window. Voting for the Nominating Subcommittee new members will be done via Google Forms (please be sure to have a google account set up so you can access Google Forms).

* The **Decadal Survey Townhall** will be open to the public, Thurs Oct 29, 4:30-5:30PM ET.

Check <https://aas.org/meetings/dps52> [1] for the Zoom link.

* **Open Mic Night** is Thursday Oct 29, 9:00-midnight ET. Email Joe Spitale (jnspitale@psi.edu [2]) to participate!

* check the #DPS2020 peripheral events page (<https://aas.org/meetings/dps52/peripheral-events> [3])

for **more exciting events**, such as:

- Student & Early Career Reception
- Women in Planetary Science Discussion Hour
- LGBTQ+ Networking Meetup
- Planetary Science Art Fair
- Exhibit Hall
- DPS Career Center
- Scientists of Color Meet-Up
- Social Hour + Trivia Games (with prizes from Startorialist!)
- Daily Science Chats
- Decadal Survey White Paper Discussion Hour
- Workforce Townhall

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DPS 2020 EXHIBITORS

Thanks so much to our wonderful sponsors of the 52nd DPS meeting!

Don't forget to visit the Exhibit Hall during DPS week!

Gold Exhibitors/Partners/Sponsors

AAS Publishing (Gold Sponsor - Pre-meeting Training)

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University of Central Florida, Department of Physics (Bronze Sponsor)

Exhibitors

Astro Haven Enterprises

Caltech/IPAC

DPS Career Center

Lunar and Planetary Institute

Space Dynamics Laboratory

STARtorialist (Donor of Prizes for Game Nights)

University of Arizona Press

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SHARING PLANETARY SCIENCE: ENGAGING AUDIENCES WITH DISABILITIES

All planetary scientists and engineers, including early career scientists, are invited to join us virtually on November 4 at 2 pm Central, for our next seminar.

Sharing Planetary Science:

Engaging Audiences with Disabilities

Wednesday, November 4, 2pm Central (3pm EST, 1pm MST, 12pm PST)

Join us to hear about best practices for making planetary science more accessible for functionally and neurologically diverse audiences, and to discuss resources and ways to modify your programs

to engage audiences with disabilities. Our presenters include Laura Jean Checki, a Solar System Ambassador and the CEO of Interstellar Inspirations, LLC, with more than 12 years' experience working with individuals with disabilities and creating Universal Instructional Design educational products, and Dr. Cassandra Runyon is a planetary scientist and Director of the NASA SC Space Grant Consortium, whose passion is helping to provide access to STEM for all audiences, including those with visible and invisible disabilities.

Join from PC, Mac, Linux, iOS or Android: <https://meetings.ringcentral.com/j/1485126608> [4]

OR Join by browser: <https://meetings.ringcentral.com/wc/username/1485126608/join> [5]

Or iPhone one-tap : US: +1(346)9804201,,1485126608#

Or Telephone: US: +1(346) 980-4201 Meeting ID: 148 512 6608

If you experience technical difficulties while joining this event:

- If using one browser, such as Chrome, try using a different browser (such as Safari or Internet Explorer).
- If joining appears very slow, close other programs on your computer or tablet, and close your VPN connection.
- As a last resort, join us by phone.

Information and recordings from past Sharing Planetary Science sessions

www.lpi.usra.edu/education/scientist-engagement [6]

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DPS PROFESSIONAL CLIMATE AND CULTURE SUBCOMMITTEE (PCCS) SEEKING NEW MEMBERS

Are you interested in making the planetary science community more diverse and

inclusive? If so, please contact dpspccs@gmail.com [7] by Oct 30 to volunteer to be

part of the DPS Professional Culture and Climate subcommittee (PCCS). A list of

our charge, duties, and expectations can be found at: <https://dps.aas.org/leadership/climate> [8] .

You also can speak with any current PCCS members (listed at above site) and, in

particular, you are welcome to contact Co-Chair Serina Diniega (serina.diniega@jpl.nasa.gov [9]).

At the DPS meeting, PCCS efforts will be described a bit at the DPS Members meeting (Oct 28, 1-2pm EDT) and with the PCCS Plenary speaker (Oct 30, 12:45-1:40pm EDT).

To express interest in becoming a PCCS member, please send an email to dpspccs@gmail.com [7] by the end of the DPS meeting (Oct 30), including (1) why you are interested, (2) a brief description of any EDIA work you've already done, and (3) a brief statement on what you might hope to accomplish with the PCCS. Comments about past or potential future work by PCCS are also welcomed, as always.

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JOBS, POSITIONS, OPPORTUNITIES

A) IT SPECIALIST (UX-AWARE FRONT-END DEVELOPER)

Smithsonian Astrophysical Observatory
Cambridge, Massachusetts

<https://dps.aas.org/content/it-specialist-ux-aware-front-end-developer> [10]

B) POST-DOCTORAL FELLOW - GEOPHYSICS - MARS 3D ICECAP RADAR IMAGING

Colorado School of Mines Department of Geophysics
Golden, Colorado

The Colorado School of Mines Department of Geophysics invites applications for a postdoctoral researcher in 3D imaging of the Mars ice caps using orbital radar data.

The successful candidate's responsibilities will consist of developing custom radar processing and imaging software, as well as the processing of large 3D data volumes obtained from Mars orbiters equipped with radar systems (SHARAD and MARSIS). We seek an outstanding individual holding a Ph.D. in geophysics, (electrical) engineering, or a related discipline with demonstrated

- experience with orbital radar instrumentation and data processing;
- experience with large scale numerical modeling, imaging, and inversion;
- excellent programming skills in C++ and Python, or equivalent languages;
- experience with high-performance distributed computing.

All candidates applying for this position should be motivated to work in an interdisciplinary framework and to interact closely with other team members at Mines and partner institutions. The candidate is expected to work independently, demonstrating initiative, strong organizational and communication skills, and respect for project deadlines.

The position will be located in the Department of Geophysics at Colorado School of Mines in Golden, CO. We at Mines recognize that diversity is a crucial component to excellence in education and research, and strive to cultivate a community in which students, faculty, and staff with differing backgrounds, perspectives, talents, and needs are supported. We believe that a diverse community fosters energizing and enlightening debates, leads to deeper commitments, and results in a host of educational, research, and service outcomes both within our institution and the broader scientific community.

The successful candidate will be offered an initial one-year full-time postdoctoral scholar position, with the possibility for an extension during a second year. The position is available immediately and the goal is to fill it no later than January 2021.

Starting salary will be determined by the qualifications of the selected applicant balanced with departmental budget availability, internal salary equity considerations, and available market information. Mines provides an attractive benefits package including fully paid health and dental insurance. Part of Mines' mission is to create a family-friendly environment supported through our dependent tuition benefits, parental leave benefits, and dependent care assistance plan, as well as in special events, camps, and programming. For more information visit: <https://www.mines.edu/human-resources/family-at-mines> [11]

All applications must include:

- a cover letter outlining the candidate's suitability and motivation for the role;
- a current curriculum vitae;
- copies of the diplomas/university certificates; and
- a list of three people who could provide references.

For full consideration, please submit applications by November 15, 2020, via the Mines application portal:

<https://jobs.mines.edu/cw/en-us/job/494592/postdoctoral-fellow-geophysics-mars-3d-icecap-radar-imaging> [12]

Please send any questions to Dr. Paul Sava (psava@mines.edu [13]).

C) TWO FACULTY POSITIONS IN EXOPLANETS AND PLANETARY SCIENCES

Universidad Adolfo Ibanez

Santiago, Chile

<https://dps.aas.org/content/two-faculty-positions-exoplanets-and-planetary-sciences> [14]

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Send submissions to:

Anne Verbiscer, DPS Secretary (dpssec@aas.org [15])

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

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to privacy@aas.org [16]. The more general AAS privacy policy is available

online at <https://aas.org/about/policies/privacy-policy> [17]. Current and back

issues of the DPS Newsletter can be found at <https://dps.aas.org/newsletters> [18]

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- [9] <mailto:serina.diniega@jpl.nasa.gov>
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[13] <mailto:psava@mines.edu>

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