A FEW DAYS LEFT FOR DPS ABSTRACTS

You have a few days left to submit an abstract; the deadline is Thursday July 22, 2021. There will be no *late abstracts* this year. The fall meeting will take place 3 - 8 October 2021 **virtually anywhere.**

Pre-recorded materials (oral talks, iPosters, and summary slides) will all be due by 9 September 2021. This is a hard deadline, since the staff needs time to process, add captions, and upload everything to the site. After uploading, no changes can be made to oral talks, but you may alter iPosters until the meeting starts.

All talks and presentations will be available for viewing starting on 27 September, one week before the meeting.

https://aas.org/meetings/dps53/abstracts [1]
EASY TO VOTE IN DPS ELECTION

The 2021 election for DPS Vice-Chair and Committee is now open, and will close at 11:59pm ET on July 29, 2021. To vote you should have already received an email on June 28 asking you to cast your ballot. If you do not see this email in your inbox, please check your spam/junk folder. If you still do not see it, contact the secretary.

Each email contains a link with a unique code that will bring you to the ballot site. There is no need to enter your AAS login information. You will be able to review the candidate statements and cast your vote.

You should vote for one of the two candidates for Vice-Chair:

Gonzalo Tancredi
Catherine Neish

The Vice-Chair will become the DPS Chair in October 2022.

You should vote for two of the four candidates for DPS Committee:

Seth Jacobson
Brian Jackson
Joseph Maseiro
Serina Diniega

The successful candidates will serve on the DPS Committee for three years. The detailed vitae and position statements for each of the candidates follow.

This information will also appear on the election page when you click on the link in your email sent from the AAS.
ARECIBO OBSERVATORY COLLOQUIUM SERIES

We invite prominent figures in planetary science, radio astronomy, and space and atmospheric sciences, to present and discuss the latest in their fields. All colloquia will be streamed live. Following the presentations there will be a section of questions and answers so that we can have an open discussion with the community of AO scientists, users, and friends.

The next colloquium will be *Next-Generation Planetary Radar*, by Dr. Joseph Lazio of the Jet Propulsion Laboratory, on July 27 in the afternoon (time tbd, please see website below closer to the date). For more information, and to sign up for the email list, please visit [http://www.naic.edu/ao/colloquium-series](http://www.naic.edu/ao/colloquium-series) [2]

SPECIAL ISSUE ON GIANT PLANETS IN REMOTE SENSING JOURNAL

Dr. Imke de Pater and Dr. Yamila Miguel are running a Special Issue entitled *Remote Sensing Observations of the Giant Planets* in the journal Remote Sensing (ISSN 2072-4292, IF 4.509).

This Special Issue focuses on Remote Sensing observations of giant planets across the electromagnetic spectrum. In this issue, the gas giants Jupiter and Saturn will be compared and contrasted with the smaller ice giants Uranus and Neptune. Our detailed knowledge of solar system giants will also be compared with the large amount of data coming from giant exoplanets and the prospects for this field in the near future. Review contributions are welcomed, as well as papers describing new observations and analyses.

For further reading, please follow the link to the Special Issue Website at: [https://www.mdpi.com/journal/remotesensing/special_issues/RS_of_Giant_Planets](https://www.mdpi.com/journal/remotesensing/special_issues/RS_of_Giant_Planets) [3]

The submission deadline is 30 April 2022. You may send your manuscript now or up until the deadline. Submitted papers should not be under consideration for publication elsewhere. Authors are encouraged to send a short abstract or tentative title to the special issue guest editors (Dr. Imke de Pater: imke@berkeley.edu [4]; Dr. Yamila Miguel: ymiguel@strw.leidenuniv.nl [5]) before submission.
AGU SESSION P007 - CONCEPT FOR FUTURE PLANETARY SCIENCE MISSIONS

Planetary science missions of all sizes and types have been increasing in cadence in the last decade, visiting planets, moons and asteroids and comets from the inner to the outer solar system. Future mission architectures are expanding the range of possible sizes, from tiny CubeSat-based spacecraft to large, multi-stage systems such as Mars Sample Return and Europa Lander. New technologies are enabling missions to literally take off: as with the Ingenuity Mars Helicopter, and the Dragonfly Titan rotorcraft. In this session we solicit e-lightening poster presentations focusing on innovative ideas for future planetary missions and related instruments, with a focus on the science enabled.

Link: [https://agu.confex.com/agu/fm21/prelim.cgi/Session/123480](https://agu.confex.com/agu/fm21/prelim.cgi/Session/123480) [6]

The abstract submission deadline is 4 August 2021 at 23:59 EDT/03:59 +1 GMT.

Melissa Trainer, Conor Nixon, Morgan Cable, Karl Hibbitts

AGU SESSION P040 - TITAN: ATMOSPHERE, SURFACE AND INTERIOR

Titan is the only moon in the Solar System with a dense atmosphere and active hydrologic system. It is also an Ocean World, with a deep interior water ocean that may provide a harbor for life. Photochemistry in the stratosphere consumes methane and generates a wealth of complex organic molecules, similar to the atmospheric chemistry of prebiotic Earth. Molecules grow in size through a variety of processes, ultimately forming haze particles that settle on the surface and are reworked into large equatorial dune fields. In the lower atmosphere methane and ethane form lakes, seas, clouds and rain in a weather cycle analogous to the Earth's water-based meteorology. The surface exhibits infrequent craters, but offers other mysterious landforms interpreted as mountains, putative cryovolcanoes, tectonic features, and fluvial/lacustrine morphologies.

In this session we welcome all recent research relevant to Titan, including new observations, spacecraft data analysis, modeling and laboratory experiment work. Abstracts can be submitted through the AGU portal: [https://www.agu.org/fall-meeting](https://www.agu.org/fall-meeting) [7] through the deadline of 4 August at 23:59 EDT/03:59 +1 GMT.

Conveners:

Conor A. Nixon, NASA Goddard Space Flight Center

Kathleen Mandt, The Johns Hopkins University Applied Physics Laboratory
DPS EDUCATION AND OUTREACH GRANTS

The DPS Committee is offering small grants (average amounts of $200 to $500) to support DPS members to engage in local and virtual education and public engagement activities. These grants are intended to support DPS member efforts to engage other members, students, teachers, and the public and can be used for materials, consumables, equipment but not for salary or travel to DPS meetings. Current proposals are being accepted for programs that will occur by June 1, 2022. If you have a question about what is an acceptable cost, please contact the DPS Education Officer, Sanlyn Buxner, buxner@psi.edu [8]. Grants have a rolling deadline with reviews beginning on August 1, 2021 and occurring each month after that. Awardees will be alerted by the 15th of each month after they are received. Applications will be accepted until all grant funds have been depleted, that cap will be posted on the website.

Learn more at https://dps.aas.org/education/education-outreach-grants/application [9].

TWO DPS FUNDS NOW UP TO $100K

The DPS Committee is happy to announce that we are using reserve funds to increase the amounts to support underrepresented minority communities in planetary science (https://tinyurl.com/45ahn53w [10]) and the Susan Niebur Professional Development Fund (https://tinyurl.com/3auehpkt [11]), bringing both to $100k. The aim of these contributions is to enable the funds to be more sustainable in perpetuity, strengthening DPS’ support of these efforts.

We strongly encourage the community to continue to contribute to these two funds, along with the Hartmann Student Travel Grant Program (https://tinyurl.com/y6fhiyp9 [12]), to help broaden participation in the annual DPS meeting, along with the annual meeting of the National Society of Black Physicists, a DPS partner organization. We greatly appreciate the generous contributions made to date to all three of these funds, especially in these trying times.
REGISTRATION OPEN FOR NATIONAL SOCIETY OF BLACK PHYSICISTS 2021 CONFERENCE

Registration is now open for this meeting, co-hosted by Brookhaven National Laboratory on November 4-7, 2021 (fully virtual). The theme for this year's conference is *Grand Unification in the Diaspora.* The NSBP conference is the largest academic meeting of minority physicists in the United States. The goal of the conference is to provide mentorship opportunities, increase participant access to recruiters, offer networking opportunities, and inform the broader physics community on best practices that will be gleaned during and after the meeting. In addition to being a meeting that promotes the persistence of underrepresented physics students in the academic workforce pipeline, the conference hosts many high-level research talks, provides opportunities for peer-to-peer interactions, and allows students the opportunity for exposure to the scientific community. More information and deadlines can be found at https://nsbp.org/page/2021conference [13], and a writeup about last year's NSBP conference can be found here: https://physics.aps.org/articles/v13/185 [14].

All are welcome to participate. Related, DPS has been working with NSBP to set up a partnership, in particular with their Earth and Planetary Science track. The DPS fund to support underrepresented minority communities in planetary science (https://tinyurl.com/45ahn53w [15]) can be applied towards NSBP conference registration and/or NSBP membership. The deadline for this DPS fund application is September 17.

JOBS, POSITIONS, AND OPPORTUNITIES

Job seekers and employers are encouraged to browse DPS's job listings [16] and advertise open positions [17].

Send submissions to:

Maria Womack, DPS Secretary (dpssec@aas.org [18])