

# Newsletter 22-03

Issue 22-03, January 30, 2022

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## **MESSAGE FROM THE CHAIR: 2022 DPS MEETING IN LONDON, ONTARIO, CANADA IS HYBRID**

The DPS Committee has decided to conduct the 2022 London meeting (October 2-7) as a hybrid meeting permitting both in person and remote participation. We plan to build on the last two successful DPS Virtual meetings to develop a hybrid meeting model that makes content equally available to those attending in-person and remotely to the extent possible. Specific details of the hybrid meeting format are still being worked out. A Virtual Organizing Committee (VOC) is being formed to augment the current Local and Scientific Organizing Committees. We will continue to monitor the status of the pandemic and will remain adaptable to changes as necessary to ensure the health of all attendees. DPS meeting COVID-19 safety measures will follow US, Canadian, and local public health regulations and recommendations. Entry into Canada presently requires proof of vaccination. The DPS is also standing up a subcommittee to work out the longer-term vision of how DPS meetings will evolve in the future to support the needs of the community.

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## **DPS 2022 MEETING SELF-NOMINATION CALL FOR CONSIDERATION FOR MEMBERSHIP ON THE VIRTUAL ORGANIZING COMMITTEE \*VOC\***

The DPS 2022 meeting will offer virtual participation options in addition to its in-person design, and thus a Virtual Organizing Committee (VOC) is needed to organize this hybrid meeting. The VOC of the 2022 DPS Meeting in London, Canada is seeking self-nominations from those interested in serving on the VOC. Please note that these self-nominations are for consideration for membership. The intent is to build a diverse, equitable and inclusive committee from these nominations.

Members of the committee are expected to participate in remote telecons as needed to identify the range of possibilities for a hybrid meeting, source and test hybrid solutions, and oversee implementation at the meeting.

To self-nominate, please send the following materials to Jessie Christiansen ([christia@ipac.caltech.edu](mailto:christia@ipac.caltech.edu) [1]) by no later than February 14, 2022:

(1) Your name, contact details and your present affiliation, including career stage

(2) A short description/list of the virtual conference tools with which you have experience (Zoom, iPosters, Gathertown, vFairs, etc) and/or if you have organized any large group virtual or hybrid events.

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**REMINDER FOR DPS 2022 MEETING SELF-NOMINATION CALL FOR \*SOC\***

The Scientific Organizing Committee (SOC) of the 2022 DPS Meeting in London, Canada is seeking self-nominations from those interested in serving on the SOC. Please note that these self-nominations are for consideration for membership. The intent is to build a diverse, equitable and inclusive committee from these nominations.

Members of the committee are expected to participate in remote telecons as needed, to review abstracts submitted by the community to the conference, to help sort those abstracts into sessions (including plenary sessions) and to help identify and select session chairs. Note that the bulk of the reviewing and sorting activities typically take place within a single week.

To self-nominate, please send the following materials to [jmoores@yorku.ca](mailto:jmoores@yorku.ca) [2] by no later than February 7, 2022:

(1) Your name, contact details and your present affiliation, including career stage

(2) A list of areas of research in which you feel you could competently review abstracts

(3) A list of anticipated blackout dates between May 1st and August 31st of 2022 which would prevent you from reviewing and sorting abstracts.

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**LAST CALL: APPLICATIONS OPEN FOR AAS DPS COMMITTEE STUDENT REPRESENTATIVE**

A reminder that the DPS Nominating Sub-Committee is still accepting applications via [this form](#) [3] for the Student Representative position of the AAS DPS Committee until February 1st. The term is two years.

Two candidates will be chosen to run for election. The DPS membership will then vote to determine who will fill this position. This position is voluntary, and unpaid.

Please address any questions to [desiree.cotto@upr.edu](mailto:desiree.cotto@upr.edu) [4].

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**PLANETARY SCIENCE ADVISORY COMMITTEE (PAC) MEETING, FEBRUARY 15, 2022**

The next Planetary Science Advisory Committee (PAC) meeting will take place on February 15, 2022 from 12.00 to 6.00 pm (Eastern). The agenda will include Planetary Science Division (PSD) and Research and Analysis (R&A) updates, as well as a discussion period with representatives from the Planetary

Science Analysis/Assessment Groups. The agenda is posted online:  
<https://science.nasa.gov/researchers/nac/science-advisory-committees/pac> [5]

Connection: The meeting will be held via Webex. The event address for attendees is:  
<https://nasaevents.webex.com/nasaevents/onstage/g.php?MTID=eaf02abdfed7a5acf5468be483fd15e67>  
[6]. The meeting number is: 2760 600 4415 and the password is: QTeyX3sXA24.

Accessibility: Captioning will be provided for this meeting. NASA is committed to providing equal access to this meeting for all participants. If you need alternative formats or other reasonable accommodations, please contact Ms. KarShelia Kinard, Science Mission Directorate, NASA Headquarters, (202) 358-2355 or [karshelia.kinard@nasa.gov](mailto:karshelia.kinard@nasa.gov) [7].

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**COSPAR 44TH SCIENTIFIC ASSEMBLY IN ATHENS, GREECE DURING 16-24 JULY 2022**

<https://www.cosparathens2022.org/> [8]

The abstract submission deadline is 11 February 2022.

**COSPAR-22-B5.1: OCEAN WORLDS**

The exploration of ocean worlds in the outer solar system has significantly expanded our set of targets in the quest to discover signs of life beyond Earth in the past decade and will continue to be in the ones to come. We invite contributions that cover a wide range of topics focusing on confirmed or potential subsurface (including surficial in the case of Titan's lakes) ocean worlds of our solar system. The topics can include studies on the geomorphology and composition of ocean worlds, geophysics and ocean properties, as well as laboratory investigations and field work of analogue environments. Furthermore, studies that examine interactions between planetary interiors, surfaces, atmospheres, and astrobiology/habitability are welcomed.

[https://www.cospar-assembly.org/admin/session\\_cospar.php?session=1018](https://www.cospar-assembly.org/admin/session_cospar.php?session=1018) [9]

Hope to see you there!

Main Scientific Organizer:

Dr Anezina Solomonidou (California Institute of Technology, Pasadena, USA)

Deputy Organizer:

Dr Morgan Cable (Jet Propulsion Laboratory, California Institute of Technology, Pasadena, USA)

Scientific Organizing Committee:

Drs: Rosaly Lopes (JPL, USA), Olivier Witasse (ESTEC, Netherlands), Michael Malaska (JPL, USA), Cynthia Phillips (JPL, USA), Olga Sykioti (Athens Observatory, Greece), Ioannis Iliopoulos (University of Patras, Greece), Ioannis Daglis (University of Athens / Hellenic Space Center, Greece), Giuseppe Mitri (University of Nantes, France), Gabriel Tobie (University of Nantes, France), Ioannis Baziotis (AUA, Greece)

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**JOBS, POSITIONS, AND OPPORTUNITIES**

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Job seekers and employers are encouraged to [browse DPS's job listings](#) [10] and [advertise open positions](#) [11].

Recent openings and opportunities are listed below and many more are at the link above.

### **A. Postdoctoral Research Associate in Planetary Science, U.S. Naval Academy**

<https://dps.aas.org/content/postdoctoral-research-associate-planetary-science> [12]

Applications are invited for a position as a postdoctoral Assistant Research Professor in planetary science at the U.S. Naval Academy (USNA) Physics Department in support of Assistant Professor Matthew Knight, to begin as early as Spring 2022. The successful

applicant will lead analyses of comets observed with heliophysics assets and will assist in observational support and analyses of NASA's Double Asteroid Redirection Test (DART). The position will involve collaboration with colleagues at the Naval Research Laboratory, University of Maryland, and Johns Hopkins University Applied Physics Laboratory, and may require travel to obtain new observations in Chile and/or Flagstaff, AZ. The successful candidate will also be encouraged to pursue research of their own choosing. This is a federal excepted service position with a one-year initial appointment and the possibility of renewing for an additional year. For additional information on the position and how to apply, please

visit <https://www.usna.edu/HRO/jobinfo/Physics-AsstResearchProf-AY22.php> [13].

Applications will be reviewed beginning March 1, 2022 and the position will remain open until filled.

### **B. Postdoctoral position with Brookhaven National Lab**

The Nonproliferation and National Security Department has an opening for a Post Doc to assist with the development of remote sensing algorithms to monitor uranium mining activities. The development of the algorithms will be based on new, high-quality laboratory spectral data that will be acquired as part of an international multi-institutional and multi-disciplinary effort. The position will require close collaboration with the partner institutions. This position has a high level of interaction with an international and multicultural scientific community.

Essential Duties and Responsibilities:

- Develop, test, and validate machine-learning image processing and analysis methods
- Participate in a multi-institutional proof-of-concept study
- Maintain spectral data base and upload data to community spectral data bases
- Assist in and help coordinate experimental work to collect laboratory spectral data

The position is based at Brookhaven National Laboratory in Upton, New York (Long Island) and the selected candidate will work closely with project team members at Stony Brook University in Stony Brook, NY at Ben Gurion University of the Negev in Israel.

Contact Email: [mschoonen@bnl.gov](mailto:mschoonen@bnl.gov) [14]

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Send submissions to:

Maria Womack, DPS Secretary ([dpssec@aas.org](mailto:dpssec@aas.org)) [15]

You're receiving this email because you are a DPS member. To unsubscribe or update your information, please send your request to [privacy@aaas.org](mailto:privacy@aaas.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]

To unsubscribe from this list please go to  
<http://www.simplelists.com/confirm.php?u=yIcEAW4DS1IXghdX09yBl7CdqhngvUq> [19]

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## Links

- [1] <mailto:christia@ipac.caltech.edu>  
[2] <mailto:jmoores@yorku.ca>  
[3] [https://www.google.com/url?q=https://forms.gle/3EGd1irVHrRjppQy9&sa=D&source=editors&ust=1643564046937939&usg=AOvVaw3LIC8Rn0DB1f9iF5Tm\\_y-q](https://www.google.com/url?q=https://forms.gle/3EGd1irVHrRjppQy9&sa=D&source=editors&ust=1643564046937939&usg=AOvVaw3LIC8Rn0DB1f9iF5Tm_y-q)  
[4] <mailto:desiree.cotto@upr.edu>  
[5] <https://www.google.com/url?q=https://science.nasa.gov/researchers/nac/science-advisory-committee/s/pac&sa=D&source=editors&ust=1643564046939190&usg=AOvVaw2dlrqVT9fGE dRQHa3RndAS>  
[6] <https://www.google.com/url?q=https://gcc02.safelinks.protection.outlook.com/?url%3Dhttps%253A%252F%252Fnasaevents.webex.com%252Fnasaevents%252Fonstage%252Fg.php%253FMTID%253Deaf02abdfed7a5acf5468be483fd15e67%26data%3D04%2527C01%2527Cshoshana.z.weider%2540nasa.gov%2527Ca5194fe383b14466b71b08d9df8503f6%2527C7005d45845be48ae8140d43da96dd17b%2527C0%2527C0%2527C637786584677310398%2527CUnknown%2527CTWFpbGZsb3d8eyJWljoicj4wLjAwMDAiLCJQIjoicj4wLjAwMDAiLCJBTiI6IjEhaWwiLCJXVCI6Mn0%2527C%2527C3000%26sdata%3D%2527Fih%2527FS5sKWt8ahg3ARfEXRu%2527FB%2527B4fFdY1d7jrjF1MS1k4%2527C%26reserved%3D0&sa=D&source=editors&ust=1643564046939749&usg=AOvVaw0PofVJH2E3XuvItNRVh7fT>  
[7] <mailto:karshelia.kinard@nasa.gov>  
[8] <https://www.google.com/url?q=https://www.cosparathens2022.org/&sa=D&source=editors&ust=1643564046940507&usg=AOvVaw1oq3Yorb7ldQpQel0yokgL>  
[9] [https://www.google.com/url?q=https://www.cospar-assembly.org/admin/session\\_cospar.php?session%3D1018&sa=D&source=editors&ust=1643564046941107&usg=AOvVaw0\\_REmj4qyKVMDj5OivJ8EF](https://www.google.com/url?q=https://www.cospar-assembly.org/admin/session_cospar.php?session%3D1018&sa=D&source=editors&ust=1643564046941107&usg=AOvVaw0_REmj4qyKVMDj5OivJ8EF)  
[10] [https://www.google.com/url?q=https://dps.aas.org/jobs-list/all&sa=D&source=editors&ust=1643564046942414&usg=AOvVaw31lnDDLW\\_ydrqabVsTp0dX](https://www.google.com/url?q=https://dps.aas.org/jobs-list/all&sa=D&source=editors&ust=1643564046942414&usg=AOvVaw31lnDDLW_ydrqabVsTp0dX)  
[11] <https://www.google.com/url?q=https://dps.aas.org/node/add/job&sa=D&source=editors&ust=1643564046942594&usg=AOvVaw0Y0ktBAYXjNv7qufS9zgGO>



- [12] <https://www.google.com/url?q=https://dps.aas.org/content/postdoctoral-research-associate-planetary-science&sa=D&source=editors&ust=1643564046943191&usg=AOvVaw1mjj4dAVHZTMF8A4TGlpwb>
- [13] <https://www.google.com/url?q=https://www.usna.edu/HRO/jobinfo/Physics-AsstResearchProf-AY22.php&sa=D&source=editors&ust=1643564046943742&usg=AOvVaw3M9e4Nx6ms9NdpWTyjNXHk>
- [14] <mailto:mschoonen@bnl.gov>
- [15] <mailto:dpssec@aas.org>
- [16] <mailto:privacy@aas.org>
- [17] <https://aas.org/about/policies/privacy-policy>
- [18] [https://www.google.com/url?q=https://dps.aas.org/newsletters&sa=D&source=editors&ust=1643564046945711&usg=AOvVaw2k-B-e4xLc9b2gN\\_B\\_Q95D](https://www.google.com/url?q=https://dps.aas.org/newsletters&sa=D&source=editors&ust=1643564046945711&usg=AOvVaw2k-B-e4xLc9b2gN_B_Q95D)
- [19] <http://www.simplelists.com/confirm.php?u=ylcEAW4DS1IXghdX09yBI7CdqhngvUq>