

## Newsletter 20-06

Issue 20-06, February 9, 2020

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REMINDER: CALL FOR DPS 2020 PRIZE NOMINATIONS

Deadline: April 1, 2020

Every year the DPS recognizes exceptional achievement in our field. Please consider nominating a respected colleague for one of the annual DPS prizes.

The DPS sponsors five prizes:

The [Gerard P. Kuiper Prize](#) [1] recognizes and honors outstanding contributors to the field of planetary science.

The [Harold C. Urey Prize](#) [2] recognizes and encourages outstanding achievements

in planetary research by an early-career scientist.

The [Harold Masursky Award](#) [3] recognizes and honors individuals who have rendered outstanding service to planetary science and exploration through - but not limited to - engineering, managerial, programmatic, editorial, or public service activities.

The [Carl Sagan Medal](#) [4] recognizes and honors outstanding communication by an active planetary scientist to the general public.

The [Jonathan Eberhart Planetary Sciences Journalism Award](#) [5] recognizes and stimulates distinguished popular writing on planetary sciences.

DPS members and the planetary science community-at-large are encouraged to submit nominations for DPS prizes.

A complete nomination submitted by the deadline will be considered by the DPS Prize subcommittee for 3 years (i.e. for this year's award, next year's award, and the year after that), or for the duration of a candidate's eligibility, whichever is less.

Please fill out the [nomination form](#) [6], and it will be submitted to the prize subcommittee.

The Eberhart Award has different rules and procedures than the other DPS Prizes, please see [its page](#) [7] for more information.

Scroll to the bottom of <https://dps.aas.org/prizes> [8] for rules and procedures.

Questions: Email [dpsprize@aas.org](mailto:dpsprize@aas.org) [9]

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**REMINDER: RENEW YOUR AAS/DPS MEMBERSHIP**

If you have already paid your dues, thanks for your continued support.

As many of you saw during the Members meeting in Geneva, the AAS regularly purges the DPS membership list early in the year, in February or March (in other words now!) and we lose 200-300 members.

Please renew your membership today so this does not happen to you and you will continue to receive the DPS Newsletter! Go to <https://my.aas.org/services> [10]

If you have any questions about your dues or benefits, or need assistance when logging in, please contact the membership team by email at [membership@aas.org](mailto:membership@aas.org) [11] or by phone at [202-328-2010](tel:202-328-2010) [12] x106 or x109. Thank you!

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#### COSPAR SESSION B5.2: GAS GIANT PLANET SYSTEMS

We invite abstract submissions for the COSPAR 2020 Event, B5.2: Gas Giant Planet Systems to be held in Sydney, Australia, August 15 - 22, 2020. This event welcomes papers on the Gas Giant Planet systems that address observations, modeling, and theoretical interpretation of Gas Giant planets, their rings, moons and magnetospheres. Papers are also welcome on supporting laboratory investigations, plans for future spacecraft missions and experiments, and enabling technologies.

Abstract deadline: February 14, 2020  
<https://www.cospar-assembly.org/> [13]

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## COSPAR 2020: CALL FOR ABSTRACTS FOR THE PLANETARY PROTECTION SESSIONS

Please consider attending and presenting in the following sessions of the 43d COSPAR Scientific Assembly which will take place at the International Convention Centre, in Sydney, Australia from 15-22 August 2020.

See: [www.cospar2020.org](http://www.cospar2020.org) [14]

Abstract submission deadline is 14 February 2020.

There will also be a COSPAR Panel on Planetary Protection Business meeting to which you are welcome. More information on time, place and date will follow in the spring.

See our web site: <https://cosparhq.cnes.fr/> [15]

Best regards,

The organisers

### COSPAR-20-PPP.1: Planetary Protection Policy

This session will include reports on recent planetary protection studies, colloquia, workshops and agency activities with relevance to the COSPAR Planetary Protection Policy and implementation guidelines. Recent adaptations and updates of the Policy proposed by the COSPAR Panel on Planetary protection and validated by the COSPAR Bureau following the Panel's recent meetings and based on documented studies will be presented. Further revisions proposed by the current international space exploration context or new scientific discoveries will be discussed.

Organisers: Athena Coustenis and Akihiko Yamagishi

## COSPAR-20-PPP.2: Planetary Protection Mission Implementation and Status

This session covers reports on the planetary protection implementation and status of launched, ongoing and planned missions. The session will focus on techniques, measures and procedures applied to spacecrafts, payloads and ground facilities to meet and verify the respective planetary protection requirements.

Organisers: Gerhard Kminek and Lisa Pratt

## COSPAR-20-PPP.3: Planetary Protection Research and Development

This session will report on planetary protection research and development activities, including in preparation for new mission concepts and, taking into account more challenging scientific endeavors, including on life detection.

Organisers: Niklas Hedman and Petra Rettberg

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## JWST PROPOSAL PREPARATION WORKSHOPS

A team formed by members from the Florida Space Institute, the Planetary Group at the University of Central Florida, Arecibo Observatory, and the Inter American University of Puerto Rico, was selected to attend the JWST Master Class Workshop, hosted by STScI. The purpose of the Master Class Workshop was for the team to learn the fundamentals in JWST proposal planning and to be a local resource for the scientific community.

We attended the Master Class this past November and it is now our turn to train other researchers interested in using JWST. Our goal is to host a useful and practical workshop in time for the Cycle 1 General Observer call for proposal, which opened on January 23, 2020.

Please visit the following link for information on the 2-day workshops we are planning: <https://sites.google.com/view/jwst-proposal-workshop-ucf> [16]

The workshop will be available at:

- The Arecibo Observatory in Puerto Rico on February 20-21, 2020
- Florida Space Institute in Orlando, FL on February 27-28, 2020

Both workshops can be attended either in-person or online, but attendees must register at the above link. However, we highly recommend in-person participation for the Friday sessions, which are devoted to practical exercises. Registration will be open until February 17th.

One of the goals of the Master Class is to disseminate information that we learned in order to create a network of researchers who can effectively propose for observing time to JWST. We learned the necessary tools to apply for observing time, for example: the Astronomer Proposal Tool, the Exposure Time Calculator, and the Visibility Tools. Additionally, we learned about the tools to find the information needed for proposal preparation. We hope to convey this useful information to our local scientific communities.

Additionally, we are also preparing a 4 hours seminar within the [“Ground and Space Observatories: a joint venture to planetary science” Workshop](#) [17]. The seminar will take place on Friday March 6, 2020.

Estela Fernández-Valenzuela

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Postdoctoral Research Associate

Florida Space Institute (UCF)

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IAU SYMPOSIUM 364, 6-10 JULY 2020 IASI, ROMANIA

We are pleased to inform you that with the support of IAU, Division A Fundamental Astronomy and the Commission A4 Celestial Mechanics and Dynamical Astronomy, we are organizing the Symposium "Multi-scale (time and mass) dynamics of space objects".

The Symposium will take place at the University Al. I. Cuza of Iasi (Romania) during the period 6-10 July 2020.

Information are available at [https://www.math.uaic.ro/IAU\\_S364/](https://www.math.uaic.ro/IAU_S364/) [18]

Alessandra Celletti and Catalin Gales

[iau2020iasi@gmail.com](mailto:iau2020iasi@gmail.com) [19]

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NASA PLANETARY SCIENCE ADVISORY COMMITTEE (PAC) NOMINATIONS

Dear Colleagues:

The Planetary Science Advisory Committee (PAC) (<https://science.nasa.gov/nac/science-advisory-committees/pac> [20]) supports the advisory needs of the Planetary Science

Division (PSD), the Science Mission Directorate (SMD) and other mission directorates as required, and the NASA Administrator. The advisory scope of the PAC includes all aspects of NASA's planetary science program, including scientific research; considerations of the development of near-term enabling technologies, systems, and computing and information management capabilities; and developments with the potential to provide long-term improvements in future mission operational systems. Responsibility for biological planetary protection is outside the purview of the PAC.

NASA's PSD is extending the invitation for nominations for service on the PAC.

Interested members of the community are invited to review the charter and to submit nominations (including self-nominations) for consideration to fill vacancies on the Committee.

The following information is required to be included as part of each self-nomination package:

- (1) a cover email including the name, phone number, full mailing and email address of the nominee;
- (2) a professional resume (one-page maximum, included as an attachment); and,
- (3) a professional biography (one-page maximum; included as an attachment).

To be considered by NASA, nomination packages from interested U.S. citizens must be submitted via email to the Executive Secretary of the Planetary Science Advisory Committee at [pac-execsec@hq.nasa.gov](mailto:pac-execsec@hq.nasa.gov) [21]. Submissions must be submitted as a single package that contains the cover email and both required attachments, and "Planetary Science Advisory Committee" must be included in the subject line of the email.

Paper-based documents (hard-copies) will not be accepted. The deadline for NASA receipt of all public nominations is March 31, 2020.

Self-nomination packages that do not include the three (3) mandatory elements listed above will not receive further consideration by NASA.

The following qualifications/experience are highly desirable in nominees, and should be clearly presented in their self-nomination packages:

- At least 5 years post-Ph.D. research experience including publications in the planetary science field, or comparable experience;



- Leadership in scientific and/or education and public outreach fields as evidenced by award of prizes, invitation to national and international meetings as speaker, organizer of scientific meetings/workshops, or comparable experience;
- Participation in NASA programs either as a member of a NASA mission science team, Research and Analysis program, membership on an advisory/working group or a review panel, or comparable experience;
- Good knowledge of NASA programs in planetary science, including the latest NASA Science Plan (available as a link from <http://science.nasa.gov/about-us/science-strategy/> [22]); and,
- Knowledge of the latest Decadal Survey conducted by the National Academies or other relevant advisory reports for planetary science.

Nominees from any category of organizations or institutions within the U.S. are welcome, including, but not limited to, educational, industrial, and not-for-profit organizations, Federally Funded Research and Development Centers (FFRDCs), University Affiliated Research Centers (UARCs), NASA Centers, the Jet Propulsion Laboratory (JPL), and other Government agencies. Nominees need not be presently affiliated with any organization or institution.

This invitation for nominations is to fill upcoming vacancies on the PAC in mid-2020.

There may also be member vacancies from time to time, and NASA will consider self-nominations to fill such unexpected vacancies as well. Nominees will only be contacted should a vacancy be available, and it is judged that their area(s) of expertise is appropriate for that specific vacancy. NASA is committed to selecting members to serve on the committee based on their individual expertise, knowledge, experience, current/past contributions to the relevant subject area and overall diversity of the committee.

These appointments are non-compensated. These are not full-time positions.

Successful nominees will be required to attend meetings of the committee approximately two or three times a year, either in person (NASA covers travel-related expenses for this non-compensated appointment) or via telecon and/or virtual meeting medium. All successful nominees will be required to submit confidential financial disclosure forms and undergo conflict of interest reviews by the NASA Office of the General Counsel,

before their appointment can be finalized. Once appointed, successful nominees will be required to complete FACA training and annual ethics briefings. Successful nominees who are not U.S. Government employees will be formally appointed as Special Government Employees (SGEs).

Lori S. Glaze  
Director, Planetary Science Division

Stephen Rinehart  
Acting Director, Planetary Science Research and Analysis

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**TITAN THROUGH TIME V WORKSHOP REGISTRATION IS NOW OPEN**

The Titan Through Time Workshop V, to be held at CU-LASP, Boulder, CO 14-16 April is now open for registration and abstract submission.

Abstract submission will close on February 28, and registration closes on March 20. Registration is free, but participation will be limited to the first 70 registrants. Student travel support may be requested during the abstract submission process. A welcome reception will be held the evening of April 13. A public night event will be held on the evening of April 14, and the workshop banquet will be held on the 15.

For more information see:

<https://titanthroughtime.org/abstract.html> [23]

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**JOB, POSITIONS, OPPORTUNITIES**

**A) OPEN POSITION AT NASA HEADQUARTERS: MARS SAMPLE RETURN PROGRAM  
DIRECTOR, SCIENCE MISSION DIRECTORATE**

From: Lori S. Glaze, NASA Planetary Science Division Director

NASA is pleased to announce that the application deadline for the Science Mission Directorate's Mars Sample Return Program Director will be extended until March 4, 2020. To find a detailed description of this Senior Executive position and additional information on qualifications and application procedures, please visit USAJobs (<https://www.usajobs.gov/GetJob/ViewDetails/556552400> [24]).

The vitality of NASA science programs is dependent upon the best people working for and with the Science Mission Directorate, and I encourage those interested in strategic leadership of this important program to apply to this opportunity.

**B) POSTDOCTORAL POSITION IN PLANETARY SCIENCE**

A 2-years post-doctoral position is available at the Instituto de Astrofísica de Canarias (in Tenerife, Canary Islands, Spain) to work within its Solar System Group, led by Dr. Julia de Leon. The project is focused in the characterization of near-Earth asteroids from ground-based observations, including radar observations, in the frame of the European H2020-funded Project "The NEO Rapid Observation, Characterization and Key Simulations - NEOROCKS", and in close collaboration with the Arecibo Observatory (Puerto Rico), managed by the University of Central Florida (Orlando, USA).

The successful candidate will have a Ph.D. degree in Physics/Astrophysics/

Planetary Science. Observational experience (photometry and spectroscopy), and in particular radar observations/data analysis experience will be valuable.

Interested candidates can find more information at:

[ht](#) [25]  
[tps://www.iac.es/en/employment/un-contrato-postdoctoral-neorocks-2020one-postdoctoral-contract-neorocks-ps-2020-005](https://www.iac.es/en/employment/un-contrato-postdoctoral-neorocks-2020one-postdoctoral-contract-neorocks-ps-2020-005) [25]

For questions please contact Dr. Julia de Leon

([jmlc@iac.es](mailto:jmlc@iac.es) [26] / [juliadeleon23@gmail.com](mailto:juliadeleon23@gmail.com) [27])

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Send submissions to:

Anne Verbiscer, DPS Secretary ([dpssec@aas.org](mailto:dpssec@aas.org) [28])

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](mailto:privacy@aas.org) [29]. The more general AAS privacy policy is available online at <https://aas.org/about/policies/privacy-policy> [30]. Current and back issues of the DPS Newsletter can be found at <https://dps.aas.org/newsletters> [31]

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- [6] [https://urldefense.proofpoint.com/v2/url?u=https-3A\\_\\_dps.aas.org\\_prizes\\_nomination-2Dform&d=DwMGaQ&c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk&r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4&m=tbHOvE5U07fb3GyZ-bptODOxmnLxBZD3J\\_8L2FKqcVo&s=sgsAh1IAB0Moj\\_DQu-gzbfNjb0tjA9OwF6XNI4G2hyk&e=](https://urldefense.proofpoint.com/v2/url?u=https-3A__dps.aas.org_prizes_nomination-2Dform& d=DwMGaQ& c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk& r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4& m=tbHOvE5U07fb3GyZ-bptODOxmnLxBZD3J_8L2FKqcVo& s=sgsAh1IAB0Moj_DQu-gzbfNjb0tjA9OwF6XNI4G2hyk& e=)
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- [9] <mailto:dpsprize@aaas.org>
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