

Newsletter 20-20

Issue 20-20, May 9, 2020

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

1. IN MEMORIAM: FRANCK HERSANT (1977-2020)
2. REMINDER: FRIDAY MAY 15 DEADLINE TO SUBMIT WRITE-IN CANDIDATES FOR DPS 2020 ELECTION
3. COMMUNITY NOTICE: ****NEW MERCURY EXPLORATION ASSESSMENT GROUP (MEXAG)**** - CALL FOR STEERING COMMITTEE NOMINATIONS
4. SMALL BODIES ASSESSMENT GROUP (SBAG) COMMUNITY SURVEY FOR DECADAL REPORT
5. SMALL BODIES ASSESSMENT GROUP (SBAG) STEERING COMMITTEE POSITIONS OPEN
6. NOMINATIONS REQUESTED BY JUNE 1ST FOR THE 10TH PAOLO FARINELLA PRIZE
7. THE 6TH INTERNATIONAL PLANETARY DUNES WORKSHOP GOES VIRTUAL
8. 4TH COSPAR MEETING ON REFINING PLANETARY PROTECTION REQUIREMENTS FOR HUMAN MISSIONS TO MARS
9. PLANETARY MISSION CONCEPT STUDIES (PMCS) WORKSHOP

+-----+

1-----1-----1-----1-----1-----1-----1-----1-----1-----1
IN MEMORIAM: FRANCK HERSANT (1977-2020)

Franck Hersant, CNRS researcher at the Laboratory of Astrophysics in Bordeaux (LAB), passed away suddenly of unknown causes in late April. He was 43 years old. After graduate studies in fundamental physics at Paris 7 University and the University of Grenoble in 1999, Franck Hersant defended his doctoral thesis in 2002 on turbulence in the solar nebula under the direction of Bérengère Dubrulle (CEA-Saclay) and Daniel Gautier (LESIA / Obs. Paris- Meudon-Nançay). He then joined the Institute of Theoretical Astrophysics in Heidelberg, Germany. After postdoctoral work at LESIA in 2005 and LAB in 2006, Hersant was recruited to the CNRS in 2008 and continued his research at the LAB on the formation of the Solar System including isotopic fractionation, turbulent mixing and the physico-chemical composition of comets and planets. He expanded his

fields of expertise into gas-grain interactions, chemistry in circumstellar disks, planetary atmospheres and the interstellar medium, self-gravitating systems in rotation, planetary migration and the effects of tides. Franck was a key contributor to the success of numerous research projects and theses. The diversity of the subjects and his approaches to them reflect his brilliant, curious and lively intellect.

The scientific community has lost an exceptional researcher. Those who had the chance to know him, both professionally and personally, will remember a humble, sensitive, altruistic person, always kind, warm and deeply endearing. He leaves a huge void behind him.

Expressions of sympathy may be sent to Franck's family at tribute.franckhersant@mailden.net [1]

2-----2-----2-----2-----2-----2-----2-----2-----2-----2-----2

REMINDER: FRIDAY MAY 15 DEADLINE TO SEND WRITE-IN CANDIDATES FOR DPS 2020 ELECTION

The DPS Nominating Subcommittee has identified the following candidates for the 2020 DPS elections for Vice Chair, Committee, and Student Representative.

Note that following the changes made to the DPS Bylaws in 2019, this year we will be electing one Student Representative to the DPS Committee:

Vice-Chair (1 to be elected):

- o Diana Blaney, JPL
- o Nader Haghighipour, University of Hawaii

Committee (2 to be elected):

- o Jessie Christiansen, IPAC
- o Edgard Rivera-Valentin, LPI

- o Kelsi Singer, SwRI
- o Matt Tiscareno, SETI

Student Representative to the DPS Committee (1 to be elected):

- o Malena Rice, Yale
- o Maya Yanez, USC

According to the DPS Bylaws, the Student Representative shall be a Full Member, Graduate Student Member, Undergraduate Student Member, International Member, or an Affiliate Member. The Student Representative shall be enrolled in a degree program at the start of the term of office. The Student Representative term of office is two years; therefore, the next Student Representative election will be in 2022.

Per the DPS Bylaws, additional candidates for Vice Chair, Committee and Student Representative, supported by a petition of at least 20 DPS members, may be nominated by May 15th. Please send any nominations to the DPS Secretary, Anne Verbiscer, at dpssec@aas.org [2].

The DPS Committee thanks the members of the Nominating Subcommittee for their dedicated service to the DPS:

- Carrie Nugent (Chair)
- Desiree Cotto Figueroa
- Matthew Knight

3-----3-----3-----3-----3-----3-----3-----3-----3-----3

COMMUNITY NOTICE: **NEW MERCURY EXPLORATION ASSESSMENT GROUP (MEXAG) - CALL FOR STEERING COMMITTEE NOMINATIONS**

Dear Colleagues,

The NASA Planetary Science Division (PSD) is pleased to announce the formation of a new Mercury Exploration Assessment Group (MExAG). This community-based, interdisciplinary body will provide science input and analysis needed to plan and prioritize Mercury research and exploration activities. Membership of MExAG, and participation in its activities, is open to all members of the planetary science and exploration community who are interested in the exploration of Mercury.

MExAG is now accepting nominations for its initial Steering Committee. See the [MExAG website for full information](#) [3]. Nominations will close at 11.59pm (EDT) on May 27th, 2020 so that the Steering Committee can be in place before the Planetary Science and Astrobiology Decadal Survey White Paper submission deadline.

Steven A. Hauck, II (Case Western Reserve University)
Chair, MExAG

Shoshana Weider (on behalf of PSD Director, Lori Glaze)
MExAG NASA Liaison

4-----4-----4-----4-----4-----4-----4-----4-----4-----4-----4

SMALL BODIES ASSESSMENT GROUP (SBAG) COMMUNITY SURVEY FOR DECADAL REPORT

SBAG has posted a survey that queries the community for opinions on research priorities and missions regarding small bodies. Please fill it out before May 25, 2020. It should take about 10 minutes.

https://www.surveymonkey.com/r/sbag_decadal [4]

Bonnie Buratti, for the SBAG Steering Committee

5-----5-----5-----5-----5-----5-----5-----5-----5-----5

SMALL BODIES ASSESSMENT GROUP (SBAG) STEERING COMMITTEE POSITIONS OPEN

We are soliciting up to five positions open on the Steering Committee of the Small Bodies Assessment Group (SBAG), with terms starting in August 2020.

The SBAG Steering Committee organizes SBAG meetings, writes the official SBAG findings, and takes a leadership role in other activities where community input on topics of interest is needed. The Steering Committee members should be as diverse as the community, in terms of topical interest (asteroids, comets, meteoroids, TNOs, KBOs, observational, experimental, computational, sample handling, etc.), demographics, experience, type of employer (commercial, small business, academia, government), and other parameters.

We are looking for members with expertise in the following areas:

- Human Exploration Lead - We desire an individual actively involved in, studying, and aware of Human Exploration and the current challenges and progress in this field to lead related SBAG activities
- At-large members (2 to 4) - Any member of the small bodies community from any career stage is welcome to apply.

Terms are for three years. Application for Steering Committee Membership requires a) a two-page CV, which should include a description of participation in SBAG or other small bodies community organizations, and b) a short (one-page or equivalent) statement of interest. Previous participation in SBAG is preferred, but not required.

To indicate your willingness to serve in any of these positions, please email Bonnie Buratti (bonnie.buratti@jpl.nasa.gov [5]) by May 25, 2020, and include a two-page CV and your statement of interest. The current Steering Committee will select new members prior to the 23rd Meeting of SBAG, June 1-2, 2020.

Bonnie Buratti, SBAG Steering Committee Chair

Website: <https://www.lpi.usra.edu/sbag/> [6]

6-----6-----6-----6-----6-----6-----6-----6-----6-----6

NOMINATIONS REQUESTED BY JUNE 1ST FOR THE 10TH PAOLO FARINELLA PRIZE

Full call for nominations: https://lagrange.oca.eu/images/CALL_Paolo_Farinella_Prize_2020.pdf [7]

The tenth Paolo Farinella Prize will be awarded to a young scientist with outstanding contributions in the field of planetary science concerning "Structure, Physics and Dynamics of Giant Planets", including work on the composition, atmospheric dynamics, and interior structure of giant planets inside or outside of our solar system. The award ceremony will be hosted by the European Planetary Science Congress (EPSC) meeting in Granada, Spain (27th of September to the 3rd of October 2020). It will also honor the outstanding scientific contributions of Adam Showman (1968-2020) who had accepted to be a member of this prize committee and passed away unexpectedly twenty years after Paolo Farinella.

Nominations must be sent by email not later than June 1st (extended from May 15 previously) to the following addresses: tristan.guillot@oca.eu [8], acb@ua.es [9] and david.lucchese@inaf.it [10], using the form downloadable from

https://lagrange.oca.eu/images/Form_Paolo_Farinella_Prize_2020.docx [11]

The nominations for the "Paolo Farinella" Prize can be made by any researcher that works in the field of planetary sciences following the indications in the attached form. Self-nominations are acceptable. The candidates should have international and interdisciplinary collaborations and should be not older than the age of Paolo when he

passed away, 47 years, on May 15, 2020.

Tristan Guillot for the 10th Paolo Farinella Prize Committee

7-----7-----7-----7-----7-----7-----7-----7-----7-----7

THE 6TH INTERNATIONAL PLANETARY DUNES WORKSHOP GOES VIRTUAL

In response to the COVID-19 pandemic, the 6th International Planetary Dunes Workshop is going virtual. The revised dates are: May 12-13, 2020. The focus will be white papers and white paper concepts. Day 1 will be contributed science talks with a focus on the Decadal and day 2 will be a series of white paper presentations with extended discussions. Registration is open and free but you must register to get the virtual meeting pass code. More information can be found at:

<https://www.hou.usra.edu/meetings/dunes2020/> [12]

8-----8-----8-----8-----8-----8-----8-----8-----8-----8

4TH COSPAR MEETING ON REFINING PLANETARY PROTECTION REQUIREMENTS FOR HUMAN MISSIONS TO MARS

19-20 May 2020

This meeting series is to address knowledge gaps in planetary protection in the timeframe between now and the first crewed flight to the Martian surface. The meeting output will feed into subsequent COSPAR reporting on this topic. The 2020 meeting is on "Technology and operations for contamination control" and will be in two parts: a virtual meeting on 19-20 May (~4hr programs on each day, starting at

9:00am EDT) followed by an in-person meeting on TBD date. Day one of the virtual meeting, to be held via WEBEX, will present updates in planetary protection and spaceflight programs, and an overview of workshop findings to date. Day two will focus on spacecraft hardware and operations technologies, particularly emphasizing the interface between hardware performance and contamination control/planetary protection issues.

Contact Valerie Chabot (valerie.a.chabot@nasa.gov [13]) for access information.

9-----9-----9-----9-----9-----9-----9-----9-----9-----9

PLANETARY MISSION CONCEPT STUDIES (PMCS) WORKSHOP

The Planetary Mission Concept Studies Workshop previously scheduled for March 15, 2020 at LPSC 51 will now take place virtually on May 26-27, 2020.

For further information and the Agenda, please visit:

<https://www.hou.usra.edu/meetings/pmcs2020/> [14]

-----+

Send submissions to:

Anne Verbiscer, DPS Secretary (dpssec@aaas.org [2])

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

To unsubscribe or update your information, please send your request to privacy@aaas.org [15]. The more general AAS privacy policy is available

online at <https://aas.org/about/policies/privacy-policy> [16]. Current and back

issues of the DPS Newsletter can be found at <https://dps.aas.org/newsletters> [17]

-->

Footer

- [Reports](#)
- [Photos](#)
- [History](#)
- [Bylaws](#)
- [Giving](#)

Source URL: <https://dps.aas.org/newsletters/20-20>

Links

[1] <mailto:tribute.franckhersant@mailden.net>

[2] <mailto:dpssec@aas.org>

[3] https://urldefense.proofpoint.com/v2/url?u=https-3A__www.lpi.usra.edu_mexag_∓d=DwMGaQ∓c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk∓r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4∓m=VZY6tNdGwZlzeF44q8xsW9GTZSBoaZCSjiTaIW0KDOW∓s=7y2IUGDZTRYPsRlrFPHAbtiyfYB1ME_Ufwjr2ZOjUzA∓e=

[4] https://urldefense.proofpoint.com/v2/url?u=https-3A__www.surveymonkey.com_r_sbag-5Fdecadal∓d=DwMGaQ∓c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk∓r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4∓m=VZY6tNdGwZlzeF44q8xsW9GTZSBoaZCSjiTaIW0KDOW∓s=hLZmP8pjzf8aozG71teQwbfAAZMN14WGJgmwHr0RvE∓e=

[5] <mailto:bonnie.buratti@jpl.nasa.gov>

[6] https://urldefense.proofpoint.com/v2/url?u=https-3A__www.lpi.usra.edu_sbag_∓d=DwMGaQ∓c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk∓r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4∓m=VZY6tNdGwZlzeF44q8xsW9GTZSBoaZCSjiTaIW0KDOW∓s=j-TaKkbhLVhjQm7K8DFE-E6nZb49jdpYmf412B94hBY∓e=

[7] https://urldefense.proofpoint.com/v2/url?u=https-3A__lagrange.oca.eu_images_CALL-5FPaolo-5FFarinella-5FPrize-5F2020.pdf∓d=DwMGaQ∓c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk∓r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4∓m=VZY6tNdGwZlzeF44q8xsW9GTZSBoaZCSjiTaIW0KDOW∓s=nO4OPznwxjcsxL31rxivLa6ycKfHUvA1PG8-JiiDbqA∓e=

[8] <mailto:tristan.guillot@oca.eu>

[9] <mailto:acb@ua.es>

[10] <mailto:david.lucchesi@inaf.it>

[11] https://urldefense.proofpoint.com/v2/url?u=https-3A__lagrange.oca.eu_images_FORM-5FPaolo-5FFarinella-5FPrize-5F2020.docx∓d=DwMGaQ∓c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk∓r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4∓m=VZY6tNdGwZlzeF44q8xsW9GTZSBoaZCSjiTaIW0KDOW∓s=zSFJYlnta1HTkvwWtxgrQadPQIBA7ZfEbvED6M8B3iU∓e=

[12] https://urldefense.proofpoint.com/v2/url?u=https-3A__www.hou.usra.edu_meetings_dunes2020_∓d=DwMGaQ∓c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk∓r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4∓m=VZY6tNdGwZlzeF44q8xsW9GTZSBoaZCSjiTaIW0KDOW∓s=KriOy6a7VFP2AbXoV6MiB6NsMjyrUJT95d45Fur5R6c∓e=

[13] <mailto:valerie.a.chabot@nasa.gov>



[14] https://urldefense.proofpoint.com/v2/url?u=https-3A__www.hou.usra.edu_meetings_pmcs2020_∓d=DwMGaQ&c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk&r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4&m=VZY6tNdgWZlzeF44q8xsW9GTZSBoaZCSjiTaIW0KDOW&s=IduZNGbaZM8oyUsAUSXs34-_CjBNB1c5-ZISq1brvVQ&e=

[15] <mailto:privacy@aa.s.org>

[16] https://urldefense.proofpoint.com/v2/url?u=https-3A__aas.org_about_policies_privacy-2Dpolicy&d=DwMGaQ&c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk&r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4&m=VZY6tNdgWZlzeF44q8xsW9GTZSBoaZCSjiTaIW0KDOW&s=Ko1HuPa06PPAeKrj1n2Ww5ylmbSfte1TrvpKSwcCrcw&e=

[17] https://urldefense.proofpoint.com/v2/url?u=https-3A__dps.aas.org_newsletters&d=DwMGaQ&c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk&r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4&m=VZY6tNdgWZlzeF44q8xsW9GTZSBoaZCSjiTaIW0KDOW&s=Z87MFo4aycLiEKe1HO2GXc5-Q5JodlhznKTctTINU84&e=