

Newsletter 17-04

Issue 17-04, January 30, 2017

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MESSAGE FROM THE CHAIR

Science, be it planetary science or another branch of science, advances through the open exchange of ideas. This exchange is critical to our success as a nation. There have been recent reports of US government agencies restricting the communication of scientific research. This is a fluid situation in which the details of the restrictions in time or scope change daily. Despite this uncertainty, the DPS leadership wants to affirm its unwavering support for the free and open exchange of scientific results between scientists, to policymakers and to the public. The DPS will be a vocal advocate for the ability of our members and other scientists to carry out and freely communicate their research.

Lucy McFadden

DPS Chair

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THE DPS COMMITTEE REMINDS YOU TO VOTE IN THE AAS ELECTIONS

Don't forget to vote in AAS elections. The DPS is the largest AAS division.

Perry Gerakines and Doris Daou are running for the nominating committee that selects candidates for officers and councilors and Karen Meech and Terry Oswalt are running for Councilor.

Balloting closes soon at 11:59 pm EST on 1 February 2017 !

https://vote.aas.org/ballot/ballot_view/34 [1]

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LOTTERY FOR 1-YEAR COMPLIMENTARY SUBSCRIPTION TO ICARUS

As part of the Division's agreement with Elsevier, the publisher offers 30 free subscriptions to Icarus every year. With thanks to Tony Roman, our webmaster, for setting up this link, enter the lottery at

<https://dps.aas.org/publications/icarus-complimentary> [2].

You may enter the lottery if your institution doesn't have a subscription to Icarus and you provide a statement explaining your need/desire for a free subscription.

The lottery will close Feb. 1, 2017.

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JWST EARLY RELEASE SCIENCE PROGRAM: PRE-PROPOSAL WEBINAR

Pre-proposal Webinar: Feb. 7, 11a - 1p Eastern Time (US)

Notice of Intent Deadline: Mar 3, 2017 (Mandatory)

Call for Proposals Finalized: May 2017

Proposal Deadline: Aug 18, 2017

The Space Telescope Science Institute (STScI) is pleased to announce the Call for Proposals for the James Webb Space Telescope (JWST) Director's Discretionary Early Release Science (DD ERS) program. The initial DD ERS Call for Proposals is available at: <http://j.tinyurl.com/hjt3u7e> [3]. The DD ERS program is intended to support planning of Cycle 2 JWST proposals by providing example data sets to the community within 6 months of the start of science operations (c. May 1, 2019). The JWST project encourages submission of DD ERS proposals for all science themes, including Solar System science. Proposals should address a broad range of applications and observing modes relevant to their relevant theme. Participation in the program is open to all categories of organizations, both domestic and foreign, including educational institutions, profit and nonprofit organizations, NASA Centers, and other Government agencies.

STScI will host an initial webinar to help inform the community about the goals and requirements of the DD ERS program and JWST capabilities, and encourage submission of proposals. Webex connection information for the webinar can be found here:

<https://jwst.stsci.edu/events/events-area/stsci-events-listing-container/solar-system-community-webinar-jwst-early-release-science-program?mwc=4> [4]

Additional webinars will be scheduled as needed depending on interest expressed at the first.

We would also like to recommend a number of other events including

ETC demonstration and other lectures listed at the JWST events page: <https://jwst.stsci.edu/events> [5]

John Stansberry JWST -- NIRCam Operations, Solar System Lead

Space Telescope Science Institute 410 338 2442

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CALL FOR PAPERS: PLANETARY SPACE SCIENCE SPECIAL ISSUE ON

"Atmospheres, Magnetospheres and Surfaces of the outer planets, their satellites and ring systems: Part XII"

Dear colleagues, please be reminded of the opportunity to submit a paper in a new special issue of Planetary and Space Science on the subject of the Atmospheres, Magnetospheres and Surfaces of the outer planets, their satellites and ring systems.

All papers presented in planetary meetings (solicited, contributed oral and posters) and concerning results on the outer planets and their systems, as well as laboratory or modelling work for the analysis of such data, are welcome to an article in this PSS issue.

The deadline for submission of the manuscripts for this issue will be end of April 2017. Please forward this message to other colleagues who may be interested and kindly send us an indication of interest for submitting a manuscript as soon as possible.

Instructions for submission:

- The submission website for this journal is located at: https://www.evise.com/evise/faces/pages/homepage/homepage.jspx?_adf.ctrl-state=nnbgqauhm_70 [6]

- To ensure that all manuscripts are correctly identified please select the name of the special issue

when you upload your manuscripts: SI:Outer Planets XII

Looking forward to your manuscripts and indications of interest,

The Guest Editors

- Athena Coustenis (Athena.Coustenis@obspm.fr [7])
- Sushil Atreya (atreya@umich.edu [8])
- Julie Castillo (jccastil@jpl.nasa.gov [9])
- Ingo Müller-Wodarg (i.mueller-wodarg@imperial.ac.uk [10])
- Linda Spilker (Linda.J.Spilker@jpl.nasa.gov [11])
- Giovanni Strazzulla (gjanni@oact.inaf.it [12])

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HST EUROPA ADVISORY COMMITTEE

Jupiter's satellite Europa is a priority target for a NASA Flagship Mission. Observations with Hubble show evidence for gaseous plumes suggestive of outgassing from the sub-crustal ocean. There is high scientific importance in learning more about potential Europa plumes, their properties and locations. At the same time, HST observing time is a precious resource, and in prior observations the duty cycle of detections has been low.

The STScI Director has constituted a committee to provide advice on how Hubble can best support planning for a future mission. One task of the committee is to recommend an approach that appropriately balances the science priorities against the resource requirements.

Further details can be found here:

<https://confluence.stsci.edu/display/STUCP> [13]

/HST+Europa+Advisory+Committee

At this time, the Advisory Committee is soliciting input from the community with regard to optimising Hubble observations of Europa. That input may be relevant to any aspect of planning, scheduling and executing observations, including suggestions for coordinating Hubble programs with observations that might use other facilities.

Contributors should indicate whether their submission can be made available to the broader community. The committee will maintain full confidentiality if such is requested. Input should be submitted by e-mail to europa@stsci.edu [14].

The deadline for receiving materials is February 10, 2017.

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UPCOMING MEETINGS

A) AOGS2017 SESSION PS-11: Exploring the Solar System Primitive Bodies

August 6 - 11, Singapore

<http://www.asiaoceania.org/aogs2017/public.asp?page=home.htm> [15]

Abstract deadline: February 15, 2017

This session welcomes abstracts about the studies of solar system small bodies, using data from exploration missions, ground- and space-based observatories, laboratory facilities, and theoretical studies. It also welcomes abstracts about new concepts for future missions, observing and laboratory facilities, and ideas for future studies. Abstracts reporting the recent results from Dawn, New Horizons, and Rosetta missions are especially welcome. Solar system small bodies are considered the best-preserved fossils from the early era of planetary systems formation. Small bodies could also have played an important role in delivering water and organics to the inner solar system, relevant to the origin of habitable worlds and life. With the context of a big wave of recent small body missions, this session is designed to promote the research of solar system primitive bodies from multiple approaches and multiple disciplines, and to help develop concepts for future studies and exploration missions.

Conveners:

Dr. Jian-Yang Li (PSI, USA)

Dr. Makoto Yoshikawa (JAXA, Japan)

Dr. Eleonora Ammannito (UCLA, USA)

Dr. Bin Yang (YNO, China)

B) 1st IUGG Symposium on Planetary Sciences (IUGG-PS 2017),

July 3-5, 2017,

Berlin, Germany

<http://www.dlr.de/iugg-ps2017> [16]

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JOBS, POSITIONS, OPPORTUNITIES

A) BUSINESS DEVELOPMENT MANAGER, PLANETARY SCIENCES, AT BALL

Seeking to fill a full-time position to support the Ball Civil Space business unit as business development lead for planetary science. This includes creating, finding, pursuing, developing, and winning business with civil governmental and non-governmental organizations in the areas of: pure science missions, technology development programs, and support for NASA centers and FFRDCs. Develop and execute a broad strategy to grow Ball's planetary business and market share. Successfully collaborate with Ball's Washington, DC, office, Communications, and other business units at Ball Aerospace. Engage principal investigators to develop highly competitive teams for science missions and technology development opportunities.

More information may be found at:

https://careers.ball.com/psc/HCMPCG91/EMPLOYEE/HRMS/c/HRS_HRAM.HRS_CE.GBL?Page=HRS_CE_JOB_DTL&Action=A&JobOpeningId=660124&SiteId=1&PostingSeq=1& [17]

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Send submissions to:

Anne Verbiscer, DPS Secretary (dpssec@aas.org [18])

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- [2] <https://dps.aas.org/publications/icarus-complimentary>
- [3] <http://j.tinyurl.com/hjt3u7e>
- [4] <https://jwst.stsci.edu/events/events-area/stsci-events-listing-container/solar-system-community-webinar-jwst-early-release-science-program?mwc=4>
- [5] <https://jwst.stsci.edu/events>
- [6] https://www.eviser.com/eviser/faces/pages/homepage/homepage.jspx?_adf.ctrl-state=nnbgqauh70
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- [12] <mailto:gianni@oact.inaf.it>
- [13] <https://confluence.stsci.edu/display/STUCP>
- [14] <mailto:europa@stsci.edu>
- [15] <http://www.asiaoceania.org/aogs2017/public.asp?page=home.htm>
- [16] <http://www.dlr.de/iugg-ps2017>
- [17] https://careers.ball.com/psc/HCMPCG91/EMPLOYEE/HRMS/c/HRS_HRAM.HRS_CE.GBL?Page=HRS_CE_JOB_DTL&Action=A&JobOpeningId=660124&SiteId=1&PostingSeq=1
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