DPS ELECTIONS 2018: CANDIDATE SLATE

The DPS Nominating Subcommittee has identified the following candidates for the 2018 DPS elections for Vice Chair and Committee:

Vice-Chair (1 to be elected):
- Matija Cuk, SETI Institute
- Amanda Hendrix, Planetary Science Institute

Committee (2 to be elected):
- Michael Bland, USGS
- Will Grundy, Lowell Observatory
- Lucille Le Corre, Planetary Science Institute
Additional candidates, 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 [1].

ABSTRACT DEADLINE 16 APRIL FOR FINAL CASSINI SCIENCE SYMPOSIUM

Abstracts are due 16 April 2018 for the final Cassini Science Symposium. Please use the template provided on the website. Hosted by the Cassini Project, the symposium is August 12-17 at the CU-Boulder and includes an off-site reception Sunday evening. The Cassini Project Scientist Linda Spilker gives a public talk Tuesday evening and the banquet is Wednesday.

Invited and contributed talks cover the latest Cassini findings on the Saturn system, including the interpretation and synthesis of results. Sessions cover the following disciplines: Rings, Titan, Icy Satellites, Magnetospheres and Saturn. This Symposium can serve as a springboard for future studies and space missions. Future mission posters are possible.

Go to the website for abstract instructions, dates, to register, sign up for events, and get hotel links and release dates:

Hotel rooms are on a space available basis, so reserve as early as you can.

If this announcement was forwarded to you and you would like us to add your email address to the contact list for future information, please contact Laura Bloom (Laura.Bloom@lasp.colorado.edu [3]).

We hope to see you there.

Larry W. Esposito
Chair, Symposium Organizing Committee

ABSTRACT DEADLINE EXTENSION AND VEXAG U.S. STUDENT/EARLY CAREER TRAVEL GRANTS FOR THE INTERNATIONAL VENUS CONFERENCE - SEPTEMBER 2018

September 11-14, 2018
International Venus Conference 2018
Niseko, Hokkaido, Japan

Abstracts and Early Bird Registration deadlines are now:
19 April 2018, 12:00 UTC (21:00 JST, 08:00 EDT, 05:00 PDT)

Please visit this website for any updated registration and abstract
U.S. Student/Early Career Travel Support

Travel support for U.S. Students and Early Career Professionals (less than 5 years from PhD) may be available from the Venus Exploration Analysis Group (VEXAG).

Provide your Travel Support Request by Friday, April 20, 2018 to twthompson@jpl.nasa.gov [6] containing:

1. A short (<1 page) description of how your participation in this meeting will benefit you professionally and contribute to NASA's explorations of Venus,
2. Your abstract for the Conference, and
3. Your resume.

NOMINATIONS FOR THE 8TH PAOLO FARINELLA PRIZE NOW OPEN

To honor the memory and the outstanding figure of Paolo Farinella (1953-2000), an extraordinary scientist and person, a prize has been established in recognition of significant contributions given in the fields of interest of Paolo, which span from planetary sciences to space geodesy, fundamental physics, science popularization, security in space, weapons control and disarmament. The prize has been proposed during the "International Workshop on Paolo Farinella, the scientist and the man", held in Pisa in 2010, and is supported by the following
Italian Institutions: University of Pisa, ASI, INAF, IFAC-CNR.

Previous recipients of the "Paolo Farinella Prize" were:

- 2011: William F. Bottke, for his contribution to the field of "Physics and dynamics of small solar system bodies"
- 2012: John Chambers, for his contribution to the field of "Formation and early evolution of the solar system"
- 2013: Patrick Michel, for his contribution to the field of "Collisional processes in the Solar System"
- 2014: David Vokrouhlicky, for his contribution to the field of "Non gravitational forces in the Solar System"
- 2015: Nicolas Biver, for his contribution to the field of "Dynamics and physics of comets"
- 2016: Kleomenis Tsiganis, for his contribution to the field of "Applications of celestial mechanics to the natural bodies of our solar system".
- 2017: Simone Marchi, for his contribution to the field of "Physics and dynamics of the inner planets of the solar system and their satellites".

The eighth Paolo Farinella Prize is devoted to planetary sciences and specifically to studies on the Giant planets satellite systems.

The award ceremony will be hosted by the European Planetary Science Congress (EPSC) meeting in Berlin, Germany (16th to 21st of September 2018).

For the 8th "Paolo Farinella" Prize the terms and rules are as follows:

1. A competition is announced to award the "Paolo Farinella" Prize for the year 2018. The prize consists of a plate, a certificate and the amount of 1500 euros. The winner is expected to give a Prize lecture at the EPSC awards special session.

2. The winner will be selected on the basis of his/her overall research results in the field of "Giant planets satellite systems".

3. Nominations must be sent by email not later than May 4th, 2018, to the following addresses:

   paolo.tortora@unibo.it [7] and david.lucchesi@iaps.inaf.it [8]

4. The nominations for the "Paolo Farinella" Prize can be made by any researcher that works in the field of planetary sciences. Self nominations are acceptable. The candidates should have international and interdisciplinary collaborations and should be not older than 47 years, the age of Paolo when he passed away, at the date of April 30th, 2018.
5. The winner of the prize will be selected before May 31st, 2018 by the “Paolo Farinella” Prize Committee composed of outstanding scientists in planetary sciences, with specific experience in the field.

6. The Prize Committee will consider all the nominations, but will be entitled to autonomously consider other candidates.

SUMMER SCHOOL IN SOFTWARE SYSTEMS FOR ASTRONOMY

SSfA at UH Hawaii Registration Opens Monday - Registration for Software Systems for Astronomy 5 on the Big Island of Hawaii opens on Monday, 09-Apr-2018. The course covers software design and implementation of telescope and instrument control systems, observation planning tools, and software for analyzing and archiving astronomical data. SSfA-5 will be offered as a two week intensive course, 23-Jul to 03-Aug, 2018.


The UHH registration page is here: [https://hilo.hawaii.edu/depts/summer/SummerCourseRegistration.php](https://hilo.hawaii.edu/depts/summer/SummerCourseRegistration.php)

More detail about the course is given in the UHH catalog (the course number is 385): [https://hilo.hawaii.edu/catalog/astr-courses](https://hilo.hawaii.edu/catalog/astr-courses)

If you have questions, send email to [aconrad@hawaii.edu](mailto:aconrad@hawaii.edu)

PSS SPECIAL ISSUE "ASTEROID (3200) PHAETHON AND METEOROIDS"
An international symposium "Int'l Symposium on Dust & Parent Bodies" (http://www.perc.it-chiba.ac.jp/meetings/IDP2018/Welcome.html [15]) was held at PERC, Chiba Institute of Technology, in 2018 February 26-28. Following the discussions during the symposium, we plan to make a special issue on Planetary and Space Science (PSS) entitled "Asteroid (3200) Phaethon and meteoroids". We will call for research papers from widely relevant fields. Any research subjects related to Phaethon or meteoroids from any viewpoint (observation, experiment, theory, simulation, exploration, and others) are welcome. Please refer to the submission procedure as follows:


If you have any questions or requests, please do not hesitate to contact us at idp2018-editors@perc.it-chiba.ac.jp [17]

Editors of the Special Issue, Asteroid (3200) Phaethon and meteoroids:

Fumi Yoshida, Wing-Huen Ip, Masateru Ishiguro Takashi Ito, Hiroshi Kimura, Harald Krüger, Karen Meech

JOBS, POSITIONS, OPPORTUNITIES

A) POSTDOCTORAL POSITION IN EXPERIMENTAL PLANETARY SCIENCE

COLUMBIA UNIVERSITY

NEW YORK, NEW YORK

Columbia University’s Astrophysics Laboratory invites applications for a Postdoctoral Research Scientist to perform laboratory simulations of solar wind ion irradiation of Mercury’s regolith surface. The successful candidate will join the group headed by Senior Research Scientist Dr. Daniel Wolf Savin; they will participate in designing, building, and performing experiments utilizing a novel ion beam apparatus to study the spectral changes and sputtering yields of regolith-like loose powders.

The appointment is initially for one year, with the possibility of renewal for up to
two additional years; this is contingent upon the availability of funds and mutual satisfaction.

The successful candidate will have a Ph.D. or the equivalent degree in Planetary Science, Physics, Geology, Astrophysics, or a related field. Desired laboratory skills include experience with apparatus design and construction, fast ion beams, ion optics, ultra-high vacuum techniques, visible and near infrared spectral reflectance measurements, quadrupole mass spectrometers, catcher foils, X-ray photoelectron spectroscopy, and associated electronics. Desired computer skills include programming, multidimensional data analysis, LabView, Python, Autodesk Inventor, Solidworks, SIMION, Linux/Mac OS, and Windows OS.

The successful candidate will have a strong background in at least some of the areas listed above, a proven research ability, and evidence of future research potential. The candidate is expected to be able to work well independently and cooperatively with a team and to communicate the results of his/her research both orally and in writing. Demonstrated written and oral communication skills are highly desirable.

Questions regarding this position can be addressed to Dr. Savin at savin@astro.columbia.edu [18].

Applicants should submit a cover letter, curriculum vitae (including a list of publications) and statement of past research. In addition they should arrange to have three letters of reference sent directly by the writers to Dr. Savin. Applications will be considered only after all of the requested material has been received. Applications and letters should be submitted by email to savin@astro.columbia.edu [18]. Screening of applicants will begin immediately and will continue until the position has been filled.

B) NASA POSTDOCTORAL FELLOWSHIP – APPLICATION DEADLINE JULY 1, 2018
This announcement reflects recent increases to the NPP annual base stipend and the annual travel allowance provided to fellows.

The NASA Postdoctoral Program offers US and international scientists the opportunity to advance their research while contributing to NASA's scientific goals. The NPP supports fundamental science; explores the undiscovered; promotes intellectual growth; and encourages scientific connections.

Selected by a competitive peer-review process, NPP Fellows complete one- to three-year Fellowship appointments that advance NASA's missions in earth science, heliophysics, planetary science, astrophysics, space bioscience, aeronautics and engineering, human exploration and space operations, and astrobiology.

Current NPP research opportunities in planetary science can be viewed here:

NPP Planetary Sciences Research Opportunities [19]

Applicants must have a Ph.D. or equivalent degree in hand before beginning the fellowship, but may apply while completing the degree requirements. U.S. citizens, Lawful Permanent Residents, and foreign nationals eligible for J-1 status as a Research Scholar may apply.

UPDATED! Stipends now start at $60,000 per year, with supplements for high cost-of-living areas and for certain academic specialties. Financial assistance is available for relocation and health insurance, and $10,000 per year is provided for professional travel.

Applications are accepted three times each year: March 1, July 1, and November 1.
For further information and to apply, visit: [https://npp.usra.edu/](https://npp.usra.edu/) [20]

Questions: [npphelp@usra.edu](mailto:npphelp@usra.edu) [21]

C) POSTDOCTORAL SCHOLAR POSITION IN ASTRONOMY
   University of California, Irvine

[https://recruit.ap.uci.edu/apply/JPF04558](https://recruit.ap.uci.edu/apply/JPF04558) [22]

Postdoctoral Scholar, Exoplanet Habitability
Applications are invited for a postdoctoral scholar position in astronomy at the
University of California, Irvine. The postdoctoral researcher will work with Prof.
Aomawa Shields at UCI on climate modeling studies of potentially habitable
exoplanets, including systems discovered by NASA’s Kepler mission, the
upcoming Transiting Exoplanet Survey Satellite (TESS), and other space- and
ground-based observatories. Desirable qualifications include experience with
computer climate modeling; a research background in atmospheric or planetary
science; strong written and oral communication skills; and an ability to work well
in a collaborative environment.

The appointment can begin in summer 2018, with a negotiable starting date.
The initial appointment will be for one year, with a possibility of extension to
longer terms contingent upon availability of funds and successful performance.
Applicants must have a Ph.D. in astronomy, astrobiology, physics, or one of
the earth science disciplines prior to beginning the appointment. Salary will be
commensurate with experience.

Candidates should submit a CV, publication list, a statement of research interests,
and other supporting documents, through the UC Irvine academic personnel recruiting portal at https://recruit.ap.uci.edu/apply/JPF04558 [22]. Through this site, applicants will also provide names and email addresses of three referees who will be contacted to submit letters of reference. For full consideration, applications and reference letters should be received by May 11, 2018.

All application materials must be submitted through the UCI RECRUIT website https://recruit.ap.uci.edu/apply/JPF04558 [22].

Information on postdoctoral appointments and resources at UC Irvine is available at https://www.grad.uci.edu/about-us/postdoctoral-scholars/index.php [23].

The University of California, Irvine is an Equal Opportunity/Affirmative Action Employer advancing inclusive excellence. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, protected veteran status, or other protected categories covered by the UC nondiscrimination policy.

----------------------------------+

Send submissions to:

Anne Verbiscer, DPS Secretary (dpssec@aas.org [1])

To unsubscribe visit http://aas.org/unsubscribe [24] or email unsubscribe@aas.org [25].

To change your address email address@aas.org [26]
Giving

Source URL: https://dps.aas.org/newsletters/18-14

Links:
[1] https://mail02.ndc.nasa.gov/OWA/redir.aspx?C=4peCbxTywz-k3a_RljKqi183S6ytVz9ToG3QpF4fziVd8E4v4j7VCA.&amp;URL=mailto%3adspssec%40aas.org
[2] https://mail02.ndc.nasa.gov/OWA/redir.aspx?C=92oXL-IGVTPx7apNCHTO8S3-uXgTklV8ppvm1x-n8dd8E4v4j7VCA.&amp;URL=http%3a%2f%2flassp.colorado.edu%2fhome%2f2018-cassini-science-symposium%2f
[3] https://mail02.ndc.nasa.gov/OWA/redir.aspx?C=hp_pWd0EHRKike-Y9yyMo2EU6GiVofD8Ktm9Jd7Ms2dd8E4v4j7VCA.&amp;URL=mailto%3aLaurabloom.5lops.colorado.edu
[4] https://mail02.ndc.nasa.gov/OWA/redir.aspx?C=bETcAWk8LyCkDwuxtfIm5aEU15pl_e9taTOGmmzCvgxd8E4v4j7VCA.&amp;URL=https%3a%2f%2ffwww.cps-jp.org%2f%2f257Eakatsuki%2f2bfvenus2018%2f
[5] https://mail02.ndc.nasa.gov/OWA/redir.aspx?C=Kk6QzqwYnTAvFix46xU_deU3kyv_YNURG-I4amaE3nx8d8E4v4j7VCA.&amp;URL=https%3a%2f%2ffwww.cps-jp.org%2f%2f257Eakatsuki%2f2bfregistration.html
[6] https://mail02.ndc.nasa.gov/OWA/redir.aspx?C=YYkUfADsriculaH8zUXeHPwXCoJLPUD3Eq_cv9cZ6qxd8E4v4j7VCA.&amp;URL=mailto%3atwthsommon%40jpl.nasa.gov
[7] https://mail02.ndc.nasa.gov/OWA/redir.aspx?C=CrNyVPvHdHjeq2L78V-72gjzQAI7E2_fqFg2HAL979d8E4v4j7VCA.&amp;URL=mailto%3aPapolo.tortora.5onisbo.it
[8] https://mail02.ndc.nasa.gov/OWA/redir.aspx?C=7CYSYcbks-RunPPAaritTkihDD9rKTJre4qFZACVjd8E4v4j7VCA.&amp;URL=https%3a%2f%2ffmail.stsci.edu%2f2fowaf2fredir.aspx%3fc%3d5gKxxFqBuCazpoHl-keVkmWmNnsngv0kTHL74CjWf1705vuCA%2f%26URL%3dmailto%253adavid.lucesi%2540i.naf.it
[9] https://mail02.ndc.nasa.gov/OWA/redir.aspx?C=1EdAdzFQUkHoKDQROMrbw8LGLeqB8M5GKUdZ04s0Wxd8E4v4j7VCA.&amp;URL=http%3a%2f%2ffastro.uh.hawaii.edu%2fSummer%2fSummer2018%2fsfsefa18.php%2f3Special_Summer_Note
[10] https://mail02.ndc.nasa.gov/OWA/redir.aspx?C=MLmXMf4k4rwwLHIxHufjlwd1dxJ0ao-wQPWRrlYWv5d8E4v4j7VCA.&amp;URL=mailto%3afSummer2018%2fSummer2018%2fsfsefa18.php
[12] https://mail02.ndc.nasa.gov/OWA/redir.aspx?C=w4KK76YLWoNbTggwPITPZBH27dShQO33BygPqv8Y1N8E4v4j7VCA.&amp;URL=https%3a%2f%2ffhilo.uh.hawaii.edu%2f2fdepts%2fSummer%2fSummerCourseRegistration.php
[13] https://mail02.ndc.nasa.gov/OWA/redir.aspx?C=WOBc4nP5AWUN6a5SNAmii-G9X-xFbe_gajRE-5iFNd8E4v4j7VCA.&amp;URL=https%3a%2f%2fhawaii.edu%2f2fcatalog%2f2fastr-courses
[14] https://mail02.ndc.nasa.gov/OWA/redir.aspx?C=T93BE1BVKSos3xpMbBu__Way77TXqOJG5XBM_6ijQgp1d8E4v4j7VCA.&amp;URL=mailto%3aaconrad%40hawaii.edu
[17] https://mail02.ndc.nasa.gov/OWA/redir.aspx?C=LUZ2UGZpK3QPLwLQydiJDNsm8q8mznfihbH7s2xd8E4v4j7VCA.&amp;URL=mailto%3aidp2018-editors%40perc.it-chiba.ac.jp
[18] https://mail02.ndc.nasa.gov/OWA/redir.aspx?C=euZAYlq-0THm05R0sVucja4QN8owegdaThYXRMJuMtd8E4v4j7VCA.&amp;URL=mailto%3asavin%40astro.columbia.edu
[19] https://mail02.ndc.nasa.gov/OWA/redir.aspx?C=EcAsKyG_FzoXlBc8Hjcs5iQXh99ygy7edQ6VXDH9