EPSC-DPS 2019 CALL FOR ABSTRACTS

Centre International de Conférences de Genève (CICG)

15–20 September 2019, Geneva, Switzerland


Abstract deadline: 8 May 2019, 13:00 CEST.

Dear colleagues,

We invite the world-wide community of planetary scientists to submit an abstract.
for presentation of their recent work at the EPSC-DPS Joint 2019 Meeting,
which will take place at the Centre International de Conférences de Genève (CICG),

The previous joint meetings of EPSC and DPS in Nantes and Pasadena were hugely
successful and enjoyable, and we expect a very well attended meeting in Geneva,
with many high quality oral and poster presentations.

The meeting will consist of oral and poster sessions. An online form for requesting
splinter meetings & workshops will be issued later. The current list of sessions is
organized around the following Programme Groups:

Terrestrial Planets (TP)
Outer Planet Systems (OPS)
Missions, Instrumentation, Techniques (MIT)
Small Bodies (comets, KBOs, rings, asteroids, meteorites, dust) (SB)
Exoplanets and Origins (EXO)
Outreach, Diversity, Astronomy (ODA)

The scientific programme and the abstract submission tool are accessible at:

Please browse the list of sessions and identify the session that most closely
matches your area of interest; your abstract can be submitted directly to that
session.

You may see all deadlines & milestones of the conference at the following website:
Information on registration and social event, as well as a separate online request form for splinter meetings & workshops will also be available soon on the meeting web site.

Please forward this message to colleagues who may be interested.

We look forward to seeing you in Geneva.

With best wishes,

Maria Cristina De Sanctis, Joseph Spitale, Frank Sohl & Devon Burr

Scientific Organizing Committee chairs

Jean-Pierre Lebreton

Executive EPSC committee chair

Linda Spilker

DPS chair

CASSINI SCIENCE SYMPOSIUM CANCELLED

Acting Planetary Science Division Director Lori Glaze recently informed the Cassini project that additional funding anticipated in FY19 will be limited to a small transition amount. So, the Cassini Science Symposium, to be held May 20th – 24th at APL, has been cancelled to minimize travel and meeting expenses.

Remaining Cassini funds will be used to help support, to the extent possible, the highest priority human resources, including students, postdocs,
early career scientists and other investigators who are disproportionately impacted.

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OCEAN WORLDS 4 CALL FOR ABSTRACTS REOPENED, NEW DEADLINE: MARCH 6TH

In the wake of the cancellation of the Cassini Science Symposium, the call for abstracts for the Ocean Worlds 4 meeting, May 21-22 in Columbia, Maryland has been reopened to accommodate relevant papers that would have been presented at the Cassini Science Symposium.

The new abstract deadline is Wednesday, March 6th at 5 pm CST.

For more information go to:


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LPSC WOMEN IN PLANETARY SCIENCE NETWORKING EVENT 2019


This year, in honor of the 50th anniversary of the Lunar and Planetary Science Conference, eminent women who worked at NASA and/or participated in LPSCs since the beginning (or near to it) will share their experiences. Join us for what's sure to be an exciting panel discussion.

When: Wednesday, March 20, 2019; 5:30 to ~7:30 pm
Where: Waterway 1-3 (in the Conference Venue - Woodlands Waterway Marriott,
The Woodlands, TX)

Light snacks/appetizers will be served.

This event is open to all!

Please forward this invitation/sign-up to your colleagues and friends who might be interested! Registration is not required but we would like to get some idea of numbers. Anyone is welcome to come late or leave early if they need.

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LPSC WORKSHOP: SSERVI CARBON IN THE SOLAR SYSTEM

The 4th in our series of SSERVI-sponsored Carbon in the Solar System workshops will be held on Thursday of LPSC week (March 21), noon-1:15 PM in the Indian Springs room at the Marriott. The event will focus on the material that darkens low-albedo bodies in the solar system. In the previous three SSERVI Carbon in the Solar System workshops/panels, opinions varied on the material that darkens the low-albedo - often presumed primitive - material in the Solar System. Carbon, iron sulfide, magnetite and other materials have been proposed as the darkening agent(s). In this fourth discussion in the series (open to all interested LPSC attendees), we pursue this topic. What implications do these compositions have for understanding the processing and evolution of the Solar System? Our collection of carbon-rich samples will expand in the near future when pristine samples of the near-Earth asteroids 162173 Ryugu and 101955 Bennu are returned to Earth. Providing a framework for the existence and processing of carbon throughout Solar System history improves our future analyses. This session will be kicked off by an introductory talk given by Dr. Larry Nittler, followed by open discussion among all attendees.
UNDERGRADUATE SUMMER INTERNS AVAILABLE FOR SSW-FUNDED RESEARCHERS: PGGURP IS NOW SUPPR

The Planetary Geology and Geophysics Undergraduate Research Program is now known as the Summer Undergraduate Program for Planetary Research (SUPPR) and is ready to send you an undergraduate intern for 8 weeks this summer. NASA SUPPR will cover the costs of getting the undergraduate to your institution, housing costs for the student while there, as well as a cost-of-living stipend (up to $7300 per intern). Each intern is allowed up to $1000 for reimbursement if they present their SUPPR research at a conference (the Lunar and Planetary Science Conference is popular) the following year. More information can be found at:


If you are interested in hosting an intern this summer, please fill out the online form by March 8:

https://www.lpi.usra.edu/suppr/mentors/ [7]

Please email Tracy Gregg (tgregg@buffalo.edu [8]) with any questions.

INTERNATIONAL VENUS CONFERENCE ABSTRACT DEADLINE EXTENDED

The Abstracts deadline is now:
March 11, 14:59 UTC
March 11, 23:59 JST
March 11, 10:59 EDT
March 11, 07:59 PDT

Please visit this website for any updated registration and abstract submission information:


The conference is intended to cover all areas of Venus science with special focus on new results obtained from Japan's Venus Climate Orbiter "Akatsuki". Results from previous missions, from ground-based observations, numerical computations, and theoretical works are all welcome.

More info can be found at the Conference website:

TERRESTRIAL ANALOG SURVEY

Please take a few minutes to fill out this short anonymous survey about Terrestrial Analog Studies! The USGS Astrogeology Science Center is developing a terrestrial analog program, and we are working hard to ensure that the products and services we create meet the needs of the scientific community. Your responses will help identify areas of future development.


Please forward the above link as needed to interested community members. If you have further questions or comments, please feel free to contact Lauren Edgar (ledgar@usgs.gov [12]). Thank you in advance for your time.

SUMMER SCHOOL IN SOFTWARE SYSTEMS FOR ASTRONOMY

We are pleased to announce the 6th offering of Software Systems for Astronomy (SSfA-6). 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-6 will be offered as a two week intensive course this summer, 15-Jul to 26-Jul, 2019, on the Big Island of Hawaii.

Exoplanet research.

As a leading organization in designing and managing space missions, APL has begun a strategic initiative to develop an exoplanet research and technology program at APL. We are looking for a postdoctoral researcher with experience with exoplanet characterization to provide critical expertise in the science and technology involved in exoplanet research. The postdoctoral researcher will provide critical contributions to developing a science and technology roadmap for the APL exoplanets program. This includes conducting research on exoplanet detection and/or characterization, as well as leading and contributing to proposals for research and technology development. Publications and conference presentations of their findings are encouraged. Applications can be submitted at https://tas-jhuapl.taleo.net/careersection/2/jobdetail.ftl?job=20334&tz=GMT-05%3A00&tzname=America%2FNew_York [14]

Duties:

- Conduct research on exoplanet detection/characterization.
- Contribute to planning and proposal development for the APL science and technology roadmap.
- Conduct related research on solar system bodies or in the laboratory utilizing the same skills.

Minimum Qualifications

- A Ph.D. in Astronomy, Physics, Planetary Science or closely related field
- Experience in exoplanet observations for the purpose of detection and/or characterization of exoplanets
- Excellent organizational and communication (written and spoken) skills

Desired Qualifications

- Experienced with the Exoplanet Characterization Toolkit (ExoCTK)
- Expertise with spectroscopy of planetary atmospheres
- Experienced with modeling atmospheric processes
Why work at APL?

The Johns Hopkins University Applied Physics Laboratory (APL) brings world-class expertise to our nation's most critical defense, security, space and science challenges. With a wide selection of challenging, impactful work and a robust education assistance program, APL promotes a culture of life-long learning. Our employees enjoy generous benefits and healthy work/life balance. APL's campus is located in the Baltimore-Washington metro area. Learn more about our career opportunities at

[www.jhuapl.edu/careers](http://www.jhuapl.edu/careers) [15].

APL is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, gender identity, sexual orientation, national origin, disability status, veteran status, or any other characteristic protected by applicable law.

B) POSTDOCTORAL RESEARCH SCHOLAR IN NOBLE GAS GEOCHRONOLOGY AND ISOTOPE GECHEMISTRY OF PLANETARY MATERIALS

The Group 18 Laboratories, School of Earth and Space Exploration, Arizona State University invites applications for a postdoctoral research scholar to study the origin and thermal evolution of lunar impact melt breccias, predominantly using noble gas geochronology and isotope geochemistry. These studies will be conducted largely using ultraviolet laser ablation microprobe techniques that permit very high spatial resolution sampling of target materials in petrographic context. Details regarding this position and how to apply may be found at

[https://sese.asu.edu/about/opportunities/other](https://sese.asu.edu/about/opportunities/other) [16]

Review of applications will begin on March 20, 2019. Please contact Kip Hodges (kvhodges@asu.edu) [17]) directly for additional information.
Send submissions to:

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

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- Reports
- Photos
- History
- Bylaws
- Giving

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[1] https://mail02.ndc.nasa.gov/OWA/redir.aspx?C=Whu4UxNa0N0kxUKpdxMIQM11kcLTRfYCYclNfiWhE2x08-2jaQqDWCA..&amp;URL=https%3a%2f%2ffurldefense.proofpoint.com%2fv2%2furl%3fu%3dhttps-3A__www.epsc-2Ddps2019.eu_%26d%3dDwMGaQ%26c%3dApwzowjNAKKw3xye91w7BE1XMRKi2LN9k1MK5Cs9ZK%26r%3dfG5pH1N7YtwOEF6xelPAeRseOND3CGAXrq3T4Wd0y4%26m%3dZI6N3uTEOJlniY7ssdBhoM0itlPpRn9xh1DPnDW80g%26s%3dCY7s41Byqx0M-Nxp8OpdxsS88whkNXV6nnsnQhtbvUQ%26e%3d
[2] https://mail02.ndc.nasa.gov/OWA/redir.aspx?C=rEWjh2aDTwlzmqTBA01zXuhA8rEAmQKJ9jEyiDT1qEA8-2jaQqDWCA..&amp;URL=https%3a%2f%2ffurldefense.proofpoint.com%2fv2%2furl%3fu%3dhttps-3A__meetingorganizer.copernicus.org_EPSC-2DPS2019_sessionprogramme%26d%3dDwMGaQ%26c%3dApwzowjNAKKw3xye91w7BE1XMRKi2LN9k1MK5Cs9ZK%26r%3dfG5pH1N7YtwOEF6xelPAeRseOND3CGAXrq3T4Wd0y4%26m%3dZI6N3uTEOJlniY7ssdBhoM0itlPpRn9xh1DPnDW80g%26s%3d-P39-pQvhICfEdodNGVabqVKHyI7kDES-eWeAx43L2o0%26e%3d
[3] https://mail02.ndc.nasa.gov/OWA/redir.aspx?C=6fjLTwrfrvnqioAwbesmC95KGkfn2yCsCByoyTlePY8-2jaQqDWCA..&amp;URL=https%3a%2f%2ffurldefense.proofpoint.com%2fv2%2furl%3fu%3dhttps-3A__w ww.epsc-2Ddps2019.eu_information_deadlines-5Fand-5Fmilestones.html%26d%3dDwMGaQ%26c%3dApwzowjNAKKw3xye91w7BE1XMRKi2LN9k1MK5Cs9ZK%26r%3dfG5pH1N7YtwOEF6xelPAeRseOND3CGAXrq3T4Wd0y4%26m%3dZI6N3uTEOJlniY7ssdBhoM0itlPpRn9xh1DPnDW80g%26s%3d8Hu-cpQZQS431arM0hrkUD5DJOUm9IAr0SwN2g-vb8%26e%3d
[4] https://mail02.ndc.nasa.gov/OWA/redir.aspx?C=Hx_IEu1uP2-zngvu2370PpwkobC1nQ0whliiS7WnVsY8

The DPS is a Division of the