

Newsletter 16-38

Issue 16-38, October 2, 2016

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32ND MEPAG MEETING 2ND INFORMATION CIRCULAR

Members of the Mars community,

I cordially invite you to participate in the 32nd meeting of the Mars Exploration Program Analysis Group (MEPAG), scheduled as a virtual meeting on October 6th, 2016, 8:30am-12:30pm PDT.

Adobe Connect information and current draft agenda are posted at:

http://mepag.nasa.gov/meeting/2016-10/meeting32_2nd Information Circular_v3.pdf [1]

Key discussion topics will include:

- * Reports from the Mars Exploration Program on budget, current missions, and studies for future Mars missions;
- * Updates on Human Exploration and Operations (HEO) activities;
- * Report on the planetary science community-wide survey of Participating Scientist programs;
- * New membership within the MEPAG Goals and Executive Committee;
- * Report from the recent conference on "Biosignature Preservation and Detection in Mars Analog Environments";
- * Upcoming MEPAG activities, including the next face-to-face MEPAG meeting (No. 33) in early 2017.

The meeting is open to all members of the Mars science community including our international colleagues. I look forward to your participation.

Sincerely,
Dr. Jeffrey R. Johnson
MEPAG Chair

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2017 LABORATORY ASTROPHYSICS DISSERTATION PRIZE

The Laboratory Astrophysics Division (LAD) of the American Astronomical Society (AAS) invites nominations for the 2017 Laboratory Astrophysics Dissertation Prize. The field of laboratory astrophysics encompasses all fundamental theoretical and experimental research into the underlying processes that drive the cosmos.

The Dissertation Prize is presented, normally on an annual basis, to recognize an outstanding doctoral dissertation (or the equivalent) in laboratory astrophysics. The prize will be awarded to an individual who has completed their Ph.D. or equivalent degree in any of the three calendar years immediately preceding the award year. The prize will include a cash award, a citation, and an invited lecture by the recipient at a meeting of the Division.

The recipient for 2017 will be announced in early 2017 and the presentation made at the June 2017 LAD meeting. Any nominee not selected will be automatically considered in the next two consecutive years, or as long as the nominee is eligible, whichever is less.

- The nomination package for the Dissertation Prize must include:
- A three-page summary of the thesis (not to exceed 5 pages total including figures and bibliography).
 - A nomination letter.
 - Two additional letters of recommendation.
 - A statement from the nominee's university stating that the Ph.D. or equivalent degree has been awarded.
 - A curriculum vitae.
 - A publication list.

Nominators, letter writers, and candidates need not be AAS or LAD members. Self-nominations are allowed. The deadline for receipt of the nomination package and supporting letters is Saturday 31 December 2016.

Attracting and serving a diverse and inclusive membership worldwide is a primary goal for LAD. In calling for nominations, we wish to remind you how important it is to give full consideration to qualified women, members of underrepresented minority groups, and scientists from outside the United States.

All nomination material should be sent by the deadline directly to the LAD Secretary (ladsec@aas.org [2]).

Additional information can be found at <https://lad.aas.org/prizes> [3]

Daniel Wolf Savin
LAD Secretary

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NASA SMD SEEKS VOLUNTEER REVIEWERS, ESPECIALLY FOR COLD TECH

NASA's Science Mission Directorate is seeking subject matter experts to serve as mail-in and/or panel meeting reviewers of proposals to ROSES and other solicitations. The landing page all of these forms may be found at:

<https://science.nasa.gov/researchers/volunteer-review-panels> [4]

but potential volunteers are especially encouraged to fill out the form for Concepts for Ocean Worlds Life Detection Technology because that was lost in the mover to the new web page and hence was not seen as many people. Go to:

<https://science.nasa.gov/researchers/volunteer-review-panels/roses-2016> [5]
-c20-concepts-ocean-worlds-life-detection-technology

To fill out the forms just click the boxes to indicate the topics in which you consider yourself to be a subject matter expert. If your skills match our needs we will contact you to discuss scheduling.

Max Bernstein

SMD Research Lead

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JOBS, POSITIONS, OPPORTUNITIES

A) TENURE-TRACK ASSISTANT PROFESSOR

Department of Astronomy

Cornell University

Ithaca, New York

The Cornell University Astronomy Department invites applications for a tenure-track assistant professor appointment to begin July 1, 2017. We will consider applications from observers, experimentalists and theorists working in any area of astronomy, but particular areas of

interest are cosmology, extragalactic astronomy, extrasolar and solar system planetary science, and relativistic astrophysics, including gravitational wave astronomy and astrophysics. Applicants should upload their applications, including a CV, list of publications, statement of research interests, and statement on teaching plans and philosophy to:

<https://academicjobsonline.org/ajo/jobs/7615> [6]

Applicants should also arrange to have three letters of recommendation submitted to Academic Jobs Online.

Inquiries may be sent to Ira Wasserman (ira@astro.cornell.edu [7]), Chair of the department.

We will begin reviewing applications November 1, 2016.

Cornell University is an Equal Opportunity/Affirmative Action Employer.

B) TENURE-TRACK ASSISTANT PROFESSOR

IN ASTRONOMY OR PLANETARY SCIENCE
Northern Arizona University

Flagstaff, Arizona

The Department of Physics and Astronomy at Northern Arizona University is seeking excellent candidates for a tenure-track position in astronomy and/or planetary science at the Assistant Professor level beginning in August 2017 to help launch its new Ph.D. program (www.physics.nau.edu/AstroPhD [8]). The minimum qualification is an earned doctorate in astronomy, planetary science, or a related field. Preferred qualifications include demonstrated interest or ability to develop a research program that involves undergraduate and graduate students; a demonstrated record of publications and/or extramural funding in astronomy and/or planetary science; evidence of high quality teaching and commitment to student success at the graduate and undergraduate levels; expertise in exoplanets, astro-informatics, astro-chemistry, astronomical instrumentation, and/or observational astronomy specializing in Solar System objects, exoplanets, or related topics; and the ability to work with students, colleagues, and community members from diverse cultures. The screening committee will begin reviewing applications on October 24, 2016.

https://jobregister.aas.org/job_view?jobID=54717 [9]

C) POST-DOCTORAL POSITION IN GIANT PLANET MODELLING

AT LABORATOIRE DE METEOROLOGIE DYNAMIQUE,



UNIVERSITE PIERRE ET MARIE CURIE, PARIS, FRANCE

A 15-month post-doctoral position in planetary atmospheric science is opened at Laboratoire de Météorologie Dynamique (LMD), starting in early 2017. The position is opened by Centre National de la Recherche Scientifique and hosted on the campus of Université Pierre et Marie Curie in the heart of Paris.

More details here:

[<http://www.lmd.jussieu.fr/~aslmd/post-doc-position-LMD.pdf>] [10]

Applications and information requests should be sent via email to Dr Aymeric SPIGA (aymeric.spiga@upmc.fr [11]). The closing date is November 8th, 2016. Late applications might be considered, until the position is filled.

D) ASSISTANT/ASSOCIATE SCIENTIST(S)

NATIONAL RADIO ASTRONOMY OBSERVATORY

Charlottesville, Virginia

The North American ALMA Regional Center (NA ARC) is recruiting for multiple NRAO Assistant/Associate Scientist positions.

The NRAO is seeking several qualified candidates to work with and lead teams within the NA ARC. Currently, there are four teams within the NA ARC: Telescope Interface and Diagnostics, ALMA Software Support & Testing, Science Community Interface and Science Data Services and Archive. The staff scientists recruited for these positions are expected to facilitate and enable cutting-edge science by community members and to work to enhance the observing capabilities for ALMA.

For consideration please apply at www.nrao.edu [12] ,

click on the “Careers” button. Please refer to job number 3361.

Please direct inquiries to bmason@nrao.edu [13].

E) HIRISE SPACECRAFT OPERATIONS ENGINEER POSITIONS

HiRISE (uahirise.org [14]) is hiring two Spacecraft Operations Engineers to work at the HiRISE Operations Center on the University of Arizona's Tucson campus. This is a full-time position working with HiRISE team scientists and JPL and other MRO instrument operations staff to plan and command high resolution images of Mars.

The successful candidates will support HiRISE personnel in carrying out operational activities including the following: Plan observation sequences and perform command load generation for HiRISE. Interact and collaborate with HiRISE and MRO scientists and technicians to choose targets and plan the observation sequences in detail, including choosing camera settings with a detailed understanding of the MRO mission, the HiRISE camera and Mars. Verify that the imaging carried out during a planning cycle was properly commanded, identify potential problems, and implement solutions.

An educational background in geosciences or remote sensing, or experience with flight operations for remote sensing instruments is preferred. Due to federal regulations, the position is restricted to U.S. citizens or legal permanent residents.

The University of Arizona encourages diverse candidates to apply, including people of color, women, veterans, and individuals with disabilities.

Apply at:

<https://uacareers.com/postings/13857> [15]

(job number A21171)

F) MARS MISSION SCIENTIST AT JSC

The Astromaterials Research Office, part of the Astromaterials Research and Exploration Science (ARES) Division of the Exploration Integration and Science Directorate, NASA Johnson Space Center, seeks to fill a GS-13 Planetary Scientist civil service position with expertise in Mars-related research and mission science. This emphasis may include studies of astromaterials and/or analogs; generation and/or interpretation of Mars landed or remotely-sensed mission datasets;



experimental studies of martian atmospheric, surficial, and/or interior processes; or combinations of these. The selectee will be expected to attract funds through peer-reviewed proposals, and/or through involvement in NASA planetary missions, especially those to Mars. Contributions to other ARES enterprises, such as research that advances curation knowledge for Mars sample return.

All candidates must use the [USAJobs.gov](https://www.usajobs.gov) [16] website to prepare and submit applications, and United States citizenship is required to be eligible for this civil service position. Please go to:

<https://www.usajobs.gov/GetJob/ViewDetails/451675100> [17]

to apply for this position. Applications will be accepted from 6 to 26 October 2016. Interested parties may direct informal inquiries to Dr. David Draper, Manager, Astromaterials Research Office, david.draper@nasa.gov [18]. A how-to guide for preparing responsive applications using the [USAJobs.gov](https://www.usajobs.gov) [16] site, prepared by JSC Human Resources, will be provided upon request.

G) POST-DOC POSITION AT INAF-IAPS

A post-doc position at INAF-IAPS is now open. The scope is to work on spectral measurements of planetary analogues in support of EXOMARS and Dawn missions.

For more information about the position application:

<http://www.inaf.it/it/lavora-con-noi/assegni-di-ricerca/assegno-di-ricerca-dal-titolo-spectral-measurement-s-and-analysis-of-samples-analogues-of-planetary-surface201d> [19]

People interested in having more info can write Maria Cristina De Sanctis (mariacristina.desanctis@iaps.inaf.it [20]).

H) ASSISTANT PROFESSOR OF PLANETARY MATERIALS

Department of Earth, Atmospheric, and Planetary Sciences

Purdue University

West Lafayette, Indiana

<https://dps.aas.org/content/assistant-professor-planetary-materials> [21]

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Send submissions to:

Anne Verbiscer, DPS Secretary (dpssec@aaas.org [22])

To unsubscribe visit <http://aas.org/unsubscribe> [23] or email unsubscribe@aaas.org [24].

To change your address email address@aaas.org [25].

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Links:

- [1] http://mepag.nasa.gov/meeting/2016-10/meeting32_2nd%20Information%20Circular_v3.pdf
- [2] <mailto:ladsec@aaas.org>
- [3] <https://lad.aas.org/prizes>
- [4] <https://science.nasa.gov/researchers/volunteer-review-panels>
- [5] <https://science.nasa.gov/researchers/volunteer-review-panels/roses-2016>
- [6] <https://academicjobsonline.org/ajo/jobs/7615>
- [7] <mailto:ira@astro.cornell.edu>
- [8] <http://www.physics.nau.edu/AstroPhD>
- [9] https://jobregister.aas.org/job_view?JobID=54717
- [10] <http://www.lmd.jussieu.fr/%7Easlmd/post-doc-position-LMD.pdf>
- [11] <mailto:aymeric.spiga@upmc.fr>
- [12] <http://www.nrao.edu/>
- [13] <mailto:bmason@nrao.edu>
- [14] <http://uahirise.org/>
- [15] <https://uacareers.com/postings/13857>
- [16] <http://usajobs.gov/>
- [17] <https://www.usajobs.gov/GetJob/ViewDetails/451675100>
- [18] <mailto:david.draper@nasa.gov>
- [19] <http://www.inaf.it/it/lavora-con-noi/assegni-di-ricerca/assegno-di-ricerca-dal-titolo-spectral-measure>



ments-and-analysis-of-samples-analogues-of-planetary-surface201d

[20] <mailto:mariacristina.desanctis@iaps.inaf.it>

[21] <https://dps.aas.org/content/assistant-professor-planetary-materials>

[22] <mailto:dpssec@aaas.org>

[23] <http://aas.org/unsubscribe>

[24] <mailto:unsubscribe@aaas.org>

[25] <mailto:address@aaas.org>