

## Newsletter 12-10

Issue12-10, May 14th 2012

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

- 1) KEPLER COMMUNITY FOLLOW-UP OBSERVING PROGRAM
- 2) 2ND "PAOLO FARINELLA" AWARD (2012)
- 3) COORDINATION WITH ESA'S 2012 CALL FOR A SMALL MISSION OF OPPORTUNITY IN ESA'S SCIENCE PROGRAM FOR A LAUNCH IN 2017
- 4) PLANETARY GEOLOGY AND GEOPHYSICS (PGG) PROGRAM PROPOSALS
- 5) JOB OPPORTUNITIES
- 6) UPCOMING MEETINGS

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KEPLER COMMUNITY FOLLOW-UP OBSERVING PROGRAM

The Kepler Community Follow-up Observing Program (CFOP) is a web-based tool with the principal aim to optimize resources and facilitate collaboration in follow-up studies of planet candidates in the Kepler field. CFOP currently contains information from the Kepler Input Catalog (KIC), publicly available parameters on the Kepler planetary candidates, target finder charts and information on multiplicity, and links to analysis tools such as ephemeris calculations and periodograms at the NASA Exoplanet Archive, to help plan and execute follow-up studies. In addition, CFOP serves as a repository for community-gathered follow-up data by allowing upload and display of data and derived astrophysical parameters and in the future will contain follow-up data from the Kepler team. All data will be clearly associated with the user who provided it and contact information is available to facilitate additional discussion and begin collaborations. CFOP is available at <http://cfop.ipac.caltech.edu/> [1].

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2ND "PAOLO FARINELLA" AWARD (2012)

Since 2011 a Prize is dedicated to the memory of Paolo Farinella (1953-2000). Last year, the Prize was awarded to W.F. Bottke at the joint DPS-EPSC meeting in Nantes (F).

([http://meetings.copernicus.org/epsc-dps2011/paolo\\_farinella\\_prize.html](http://meetings.copernicus.org/epsc-dps2011/paolo_farinella_prize.html)) [2]

The second edition of the Farinella Prize is devoted to planetary science and specifically for studies of the formation and early evolution of the solar system, which was one of the research interest in Paolo's career. The award ceremony will be hosted by the EPSC meeting in Madrid, Spain (23 - 28 September 2012).

Nominations (using a special form) must be sent by email not later than May 30, 2012, at the following address:

[prize.paolofarinella@dm.unipi.it](mailto:prize.paolofarinella@dm.unipi.it) [3]

Contact / requests : Adriano Campo Bagatin

On behalf of the supporting committee of the Paolo Farinella Prize.

Departamento de Fisica, Ingenieria de Sistemas y Teoria de la Senyal

[acb@ua.es](mailto:acb@ua.es) [4]

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COORDINATION WITH ESA'S 2012 CALL FOR A SMALL MISSION OF OPPORTUNITY IN ESA'S SCIENCE PROGRAM FOR A LAUNCH IN 2017

- Request due to NASA by May 15

- NASA response to PI by June 1
- Proposal due to ESA by June 15
- Submission of full proposal and cover letter to NASA by June 22

NASA is prepared to provide proposing U.S. investigators with a letter of acknowledgement for proposals in alignment with established NASA strategic science objectives. Proposers desiring such a letter must submit to NASA a brief description of (1) the mission concept contemplated, (2) the relevance of its science objectives to established NASA science objectives, and (3) contemplated U.S. involvement in the mission to be proposed. This description may not exceed 1000 words (~two single-spaced pages, 12-point type) and must be submitted by email no later than May 15, 2012, to [colleen.hartman@nasa.gov](mailto:colleen.hartman@nasa.gov) [5]. Requests for letters of acknowledgement should come from the lead U.S. collaborator on the proposed mission. NASA will conduct an internal review of the proposed mission's relevancy to NASA science objectives and, for those submissions in good alignment with these objectives, will provide a letter of acknowledgement in time for submission to ESA with the proposal.

ESA Announcement website:  
<http://sci.esa.int/science-e/www/object/index.cfm?fobjectid=50119> [6]

Questions, contact:  
Dr. Colleen N. Hartman  
(202) 358-2165  
[colleen.hartman@nasa.gov](mailto:colleen.hartman@nasa.gov) [5]

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PLANETARY GEOLOGY AND GEOPHYSICS (PGG) PROGRAM PROPOSALS

The Planetary Geology and Geophysics (PGG) program supports scientific investigations of planetary surfaces and interiors, satellites (including the Moon), satellite and ring systems, and smaller Solar System bodies, such as asteroids and comets. The goals of the PGG program are to foster the synthesis, analysis, and comparative study of data that will improve the understanding of the extent and influence of planetary geological and geophysical processes on the bodies of the Solar System.

The due date for proposals to this program has been delayed to July 2, 2012, to permit proposers who recently received evaluations of their PGG ROSES 2011 proposals additional time to prepare proposals.

Questions may be addressed to:  
Michael Kelley  
[HQ-PGG@mail.nasa.gov](mailto:HQ-PGG@mail.nasa.gov) [7]  
202-358-0607

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JOB OPPORTUNITIES

POSTDOCTORAL RESEARCH: SECONDARY ION MASS SPECTROMETRY (SIMS)  
MICROPROBE ANALYSIS



The Lunar and Planetary Institute (LPI), part of the Universities Space Research Association, invites applications for a postdoctoral fellowship in the area of SIMS isotopic and elemental analysis of Martian meteorites.

The successful candidate will work with an international team at NASA Johnson Space Center in Houston. Candidate should be self-motivated, and must have a Ph.D. in geochemistry, cosmochemistry, or related. Strong background in ion microprobe analysis essential. Experience in analysis/interpretation of Pb isotopes is advantageous. Experience with a Cameca 1270/80 is also advantageous. Knowledge of Martian geochemistry and petrology is beneficial, but not essential. Travel is required. Candidates should also present an independent research plan that complements the Martian meteorite study.

Position is for one year, with possible extension to a second year. Applicants should send a letter of interest, a curriculum vita with list of publications, a brief statement of research interests, and three references to [resume@lpi.usra.edu](mailto:resume@lpi.usra.edu) [8]. Further details contact Justin Simon ([justin.i.simon@nasa.gov](mailto:justin.i.simon@nasa.gov) [9]) or John Jones ([john.h.jones@nasa.gov](mailto:john.h.jones@nasa.gov) [10]). Information on research and facilities at the LPI can be found at: <http://www.lpi.usra.edu> [11]

Information on JSC facilities can be found at: <http://ares.jsc.nasa.gov/ares/index.cfm> [12]

The Universities Space Research Association is an Equal Opportunity Employer.

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UPCOMING MEETINGS

a) EUROPEAN PLANETARY SCIENCE CONGRESS 2012  
IFEMA-Feria de Madrid  
23-28 September 2012, Madrid, Spain

We invite the international community of planetary scientists to submit an abstract for presentation of their recent work at the EPSC 2012 Meeting, which will take place at the conference centre IFEMA-Feria de Madrid in Spain, 23-28 September 2012.

<http://epsc2012.eu> [13]

Please consider submitting a paper : browse the list of sessions and identify the session that most closely matches your area of interest; your abstract can then be submitted directly to that session. Abstract deadline: 23 May 2012.

The meeting will consist of oral and poster sessions, as well as workshop-style sessions. There is a current list of over 70 sessions is organized around several topics.

Please note the 6 sessions in :  
GP Giant Planet Systems :  
<http://meetingorganizer.copernicus.org/EPSC2012/sessionprogramme/GP> [14]

The whole scientific program and abstract submission are accessible at:  
<http://meetingorganizer.copernicus.org/EPSC2012/sessionprogramme> [15]

Travel funding will be available for students: EPSC will make a contribution to a large number of European PhD students to support their attendance. Information on registration, accommodation, travel routes, visa requirements and social events are available on the meeting web site.

Please forward this message to colleagues who may be interested.

**b) DAP-2012 MEETING**

The "Dust, Atmosphere and Plasma: Moon and Small Bodies" meeting will take place on June 6-8, 2012, in Boulder Colorado. The program is now available at:

[http://lasp.colorado.edu/ccldas/ldap\\_2012](http://lasp.colorado.edu/ccldas/ldap_2012) [16]

Please register online by June 1, 2012, if you plan to attend.

**c) EXOPLANETS IN MULTI-BODY SYSTEMS IN THE KEPLER ERA**

February 9-16, 2013

Aspen Center for Physics, Aspen, CO, USA

<http://www.astro.ufl.edu/~eford/meetings/aspen2013/> [17]

For centuries, theories of planet formation were guided exclusively by our solar system. However, the discovery of planets orbiting other stars (exoplanets) has demonstrated that nature often produces planetary systems quite different from our own, neither anticipated by nor well explained by the current theories of solar system formation and dynamics.

In this one week program, scientists from the fields of planetary science, celestial mechanics, astronomy and astrophysics will meet to discuss new developments in the field of extrasolar multi-planet systems. Our workshop will provide an environment where these scientists can present new ideas, discuss their implications for identifying the most important problems in the field and chart the field's future direction.

The meeting will be held either February 9-15 or February 10-16, 2013. We anticipate nearly 100 participants. The Aspen Center for Physics will coordinate applications, registration and housing. We will update the meeting website with information as these details become available. See the ACP website for further information about registration, housing and day care for previous winter meetings. Young scientists, women and underrepresented minorities are all encouraged to apply.

**d) 2012 NEXT GENERATION LUNAR SCIENTISTS AND ENGINEERS WORKSHOP**

The 3rd annual Next Generation Lunar Scientists & Engineers (NGLSE) Workshop will be held on Monday, July 16, 2012 at the NASA Ames Research Center (ARC), preceding the NASA Lunar Science Forum. This one-day workshop for graduate students, postdocs, and early career professionals will focus on effective career strategies for navigating today's job market. The purpose of this group is to engage and develop the next generation of lunar scientists and engineers, and to enable their successful involvement in current planning for the

exploration of the Moon.

Please indicate your interest in attending at:  
<http://www.surveymonkey.com/s/6G53ZQG> [18]

Email any questions to: [Lora.V.Bleacher@nasa.gov](mailto:Lora.V.Bleacher@nasa.gov) [19]

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## Footer

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

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### Links

- [1] <http://cfop.ipac.caltech.edu/>
- [2] [http://meetings.copernicus.org/epsc-dps2011/paolo\\_farinella\\_prize.html](http://meetings.copernicus.org/epsc-dps2011/paolo_farinella_prize.html)
- [3] <mailto:prize.paolofarinella@dm.unipi.it>
- [4] <mailto:acb@ua.es>
- [5] <mailto:colleen.hartman@nasa.gov>
- [6] <http://sci.esa.int/science-e/www/object/index.cfm?fobjectid=50119>
- [7] <mailto:HQ-PGG@mail.nasa.gov>
- [8] <mailto:resume@lpi.usra.edu>
- [9] <mailto:justin.i.simon@nasa.gov>
- [10] <mailto:john.h.jones@nasa.gov>
- [11] <http://www.lpi.usra.edu>
- [12] <http://ares.jsc.nasa.gov/ares/index.cfm>
- [13] <http://epsc2012.eu>
- [14] <http://meetingorganizer.copernicus.org/EPSC2012/sessionprogramme/GP>
- [15] <http://meetingorganizer.copernicus.org/EPSC2012/sessionprogramme>
- [16] [http://lasp.colorado.edu/ccldas/ldap\\_2012](http://lasp.colorado.edu/ccldas/ldap_2012)
- [17] <http://www.astro.ufl.edu/~eford/meetings/aspen2013/>
- [18] <http://www.surveymonkey.com/s/6G53ZQG>
- [19] <mailto:Lora.V.Bleacher@nasa.gov>