
AGU Planetary Sciences Section NEWSLETTER #32

26 August, 2009

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1) Fall Meeting Abstract Deadline is Fast Approaching!

Abstracts for the Fall 2009 Meeting in San Francisco are due in **one week**, by midnight EDT on **Thursday, 3 September, 2009**. To submit, go to the new Abstract Central site at:

<http://agu-fm09.abstractcentral.com/>

You will need to register the first time you use the site, complete information is at:

http://www.agu.org/meetings/fm09/program/abstract_submissions.php

2) Fall Meeting Special Sessions

We have an exciting roster of special sessions lined up for the Fall 09 meeting (see also item 3 below). Consider submitting an abstract to one of the following:

- P01: MESSENGER's Third Flyby of Mercury
- P02: Planetary Plasma Interactions and Atmospheric Escape
- P03: Mineralogy of the Lunar Crust: Results from the Moon Mineralogy Mapper
- P04: The Atmosphere of Mars: New Findings From Modelling and Observations
- P05: Planetary Rings: Theory and Observation
- P06: Saturn's Family of Moons
- P07: Planetary Cores and Subsurface Oceans Dynamics Driven by Mechanical Forcings
- P08: Return to the Moon: Latest Science Results
- P09: Modeling Planetary Dynamics
- P10: A Detailed Look at Alteration Processes on Mars

P11: Titan and Lakes: Geography, Limnology, and Astrobiological Potential
P12: Time of Day at Saturn: Bulk Rotation, Atmospheric, and Plasmaspheric Motion
P13: Organics in Meteorites and Dust Particles: Composition, Distribution, Formation and Isotopic Anomalies
P14: Physics and Chemistry of Ices: from the Laboratory to the Planetary Scale
P15: Recent Results in Planetary Science and Their Impact on Future Science and Mission Priorities (see item 5 below for more information)
P16: Mars Radar Investigations: Observations, Supporting Theoretical, Field and Lab Work, and Future Opportunities
P17: Planetary Magnetism, Core Dynamics, and Dynamo Mechanisms: Bridging the Gap Between Observations and Models, Revisited
P18: Potential Biomarkers on Mars: Detection, Characterization and Earth Analogue Systems
P19: The Galilean Satellites: 400 Years of Discovery
P22: Exploring Venus
P23: Astrobiology and Society: Challenges and Opportunities
Pxx: Enceladus (see item 3 below)

If you have specific questions on any of these sessions, you can contact the conveners (listed under the session link in the “Scientific Program” area) directly.

Of course, abstracts on any planetary science topic can be submitted to “P24: Planetary Sciences General Contributions”.

3) Improvised Enceladus Session for the Fall Meeting

Due to a misunderstanding that cropped up this year, the proposal for the AGU Special Session on Enceladus, that was so popular in years past, did not get submitted to the AGU on schedule, and as a consequence, it unfortunately does not show up on the AGU Scientific Program.

However, since this year has been a very exciting one for results on Enceladus, we certainly aim to have a session devoted to Enceladus at the Fall 2009 AGU meeting.

To rectify this situation, we've been advised by the AGU Planetary Session Planning Committee to circulate our Enceladus Special Session description widely and inform interested individuals to follow these steps:

1. Submit your Enceladus abstracts to Planetary General Contributions Session: i.e., Submit to P24: Planetary Sciences General Contributions.
2. Be sure to make a note in the COMMENTS field that your abstract should be included in the session focused on Enceladus.

Sorry for this departure from the usual, and hope to see you at the AGU.

(Submitted by Carolyn Porco and Chris McKay)

4) Planetary Lectures at the Fall Meeting

Planetary Sciences Section will be sponsoring two named lectures at the Fall 09 Meeting. They are:

P20: Sagan Lecture. Tori Hoehler, NASA/Ames, will speak on a topic related to biogeochemistry and terrestrial/planetary environments.

P21: Shoemaker Lecture. Susan Kieffer, University of Illinois, will talk about Enceladus

5) AGU Planetary Education Sessions for Fall Meeting

Keep these sessions in mind as you get ready for AGU:

Bringing Back the Moon: Using Lunar Education Resources to Enhance K-12 STEM Education (ED02)

Conveners: Brooke Hsu (NASA/GSFC) and Doris Daou (NASA/NLSI)

Simulations, Animations, and Interactive Multimedia for Planetary Sciences Teaching and Learning (ED18)

Conveners: Randy Russell (UCAR) and Erin Wood (CU/LASP)

International Year of Astronomy 2009: Impacts in Education and Public Outreach and Plans Beyond (ED15)

Conveners: Leslie Lowes (NASA/JPL), Edna DeVore (SETI Institute), Stephen Pompea and Constance Walker (National Optical Astronomy Observatory)

Developing Sustainable Education and Outreach Programs and Projects: Lessons Learned (ED20)

Conveners: Roberta Johnson and Raj Pandya (UCAR), Diana Dalbotten (U. of Minnesota), Emily CoBabe-Ammann (CU/LASP) Stephen Pompea and Constance Walker (National Optical Astronomy Observatory)

Connecting Science and Literacy in the Classroom: Using Space and Earth Science to Support Language Arts (ED04)

Conveners: Emily CoBabe-Ammann (CU/LASP) and Alice Wessen (NASA/JPL)

Remember: those submitting abstracts for a science session may also submit a second

abstract in an education session with no penalty.

Questions? Feel free to contact Emily CoBabe-Ammann, Chair of the AGU Planetary Working Group (ecobabe@lasp.colorado.edu)

6) Call for Abstracts for Decadal Survey Session (P15) at Fall Meeting

The Planetary Science Decadal Survey is organizing a scientific session at the Fall AGU meeting entitled “P15: Recent Results in Planetary Science and Their Impact on Future Science and Mission Priorities”. Members of the geosciences, planetary sciences and astrobiology communities are encouraged to submit abstracts focusing on recent discoveries from solar system exploration missions and associated ground based activities that will likely inform decisions concerning spacecraft missions to be undertaken during the period 2013-2022. The session conveners are specifically looking for abstracts that: 1. Focus on results announced since 2002; 2. Explain why these results are significant relative to current solar system goals/priorities; and 3. Outline how these results should influence the next generation of solar system exploration missions.

(Submitted by David Smith, NRC)

7) White-Paper Proposal Site for Planetary Science Decadal Survey

Members of the planetary science and astrobiology communities are strongly encouraged to draft white papers and submit them via the decadal survey’s website. See

http://www7.nationalacademies.org/ssb/SSEdecadal_whitepapers.html

for instructions. To assist the decadal survey plan for the handling, distribution and best use of the white papers submitted, authors are strongly encouraged to make use of the white-paper proposal site established by the Lunar and Planetary Institute:

<http://www.lpi.usra.edu/decadal/>

Use of the LPI site tells the decadal survey what it can expect to receive and it allows you to accrete coauthors. Remember that broad community participation is one of the hallmarks of a decadal survey and that consensus is compelling. More information about the planetary science decadal survey can be found at

<http://www7.nationalacademies.org/ssb/SSEdecadal2011.html>

(Submitted by David Smith, NRC)

8) Other Planetary Science Decadal Survey News

Steven Squyres, chair of the National Research Council's Planetary Science Decadal Survey, has posted the second of his planned series of community newsletters on the survey's website. The newsletter is available at

http://www7.nationalacademies.org/ssb/SSEdecadal2011_Squyres2.pdf

Additional information about survey's goals, organization, activities and meeting dates is available at

<http://www7.nationalacademies.org/ssb/SSEdecadal2011.html>

The National Research Council has appointed Ellen Stofan (Proxemy Research), Philip Christensen (Arizona State University), Joseph Veverka (Cornell University), Heidi Hammel (Planetary Science Institute) and John Spencer (Southwest Research Institute) as, respectively, the chairs of the Inner Planets, Mars, Primitive Bodies, Giant Planets and Satellites panels of the Planetary Science Decadal Survey. Additional details about the panels and their memberships can be found at

http://www7.nationalacademies.org/ssb/SSEdecadal_panels.html

(Submitted by David Smith, NRC)

For future newsletter items please contact:
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