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## AGU Planetary Sciences Section NEWSLETTER

18 February 2005

- 1) Congratulations to 2005 AGU Fellows
- 2) Prockter new EOS Editor for Planetary Sciences
- 3) Upcoming Meetings -- Spring and Summer 2005

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### 1) Congratulations to 2005 AGU Fellows

The following individuals were selected for the honor of AGU Fellow with support from the Planetary Sciences Section. This honor is limited to less than 0.1% of the AGU membership each year.

**Dale P. Cruikshank.** A planetary astronomer who pioneered the application of infrared spectroscopy to small bodies in the outer solar system. With colleagues he discovered many of the ices known on Triton, Pluto, large satellites of Uranus, Saturn, Neptune, and Charon. With colleagues, he was first to find water ice in the Kuiper belt and methanol ice on a Centaur that links these bodies to comets.

**Jane L. Fox.** A leader in the field of planetary aeronomy, Fox has made influential contributions to our understanding of the upper atmospheres of Mars, Venus, Jupiter, and Titan. She convincingly elucidated the photochemical processes that have led to the escape of nitrogen, oxygen, and other atmospheric constituents on Mars.

**Devendra Lal.** Lal is credited with pioneering the field of cosmic ray geophysics. He developed methods for tracing cosmogenic nuclides and cosmic-ray particle tracks, and he applied those methods to a wide range of problems in lunar surface processes, meteorite exposure histories, terrestrial and marine sedimentation timescales, glaciology, and geomorphic change.

**William R. Ward.** A planetary dynamicist of exceptional breadth and originality, was cited for his work on large scale axis oscillations on Mars, that the Moon formed as the result of a giant impact of the early Earth with a Mars-sized projectile and contributions to the theory of protoplanetary and circumplanetary disks.

**Vladimir N. Zharkov.** A distinguished theoretical planetary geophysicist who led an innovative and highly productive group for several decades in the Soviet Union and Russia, Zharkov made seminal contributions to two fields, planetary interior structure and equations of state of planet-forming materials.

The following individuals were also made Fellows in 2005 and have an interest in Planetary Sciences or a secondary affiliation with our section:

Georges Balmino  
Bruce A. Buffett  
Reid F. Cooper  
Stein B. Jacobsen  
Janet U. Kozyra  
Glenn M. Mason  
Jerry X. Mitrovica  
Charles B. Moore  
Geoffrey David Price  
Michael H. Ritzwoller  
Everett L. Shock  
Dave A. Yuen

Congratulations!

A full list of Fellows is at <http://www.agu.org/inside/fellows05.html>

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## **2) Prockter new EOS Editor for Planetary Sciences**

Louise Prockter, of the Planetary Exploration Group at JHU has been selected to be Corresponding Editor for Planetary Sciences to EOS, Transactions of the American Geophysical Union. This weekly news magazine offers peer-reviewed articles of interest to the broader AGU membership.

For submissions contact : [Louise.Prockter@jhuapl.edu](mailto:Louise.Prockter@jhuapl.edu)

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## **3) Upcoming Meetings -- Spring and Summer 2005:**

March 14-18 *36th LPSC*, Houston TX  
<http://www.lpi.usra.edu/meetings/lpsc2005/>

April 24-29 *EGU General Assembly*, Vienna Austria (Pre-registration deadline April 8)  
<http://www.copernicus.org/EGU/ga/egu05/>

May 31 - June 3 *Workshop on Oxygen in Asteroids and Meteorites*, Flagstaff AZ (Abstracts due March 31)  
<http://www.lpi.usra.edu/meetings/am2005/>

May 23-27 *AGU/Joint Assembly*, New Orleans LA (Pre-registration deadline April 20)  
<http://www.agu.org/meetings/sm05/>

July 11-15 *The Role of Volatiles and Atmospheres on Martian Impact Craters*,  
Laurel MD (Abstracts due April 20)  
<http://www.lpi.usra.edu/meetings/volatiles2005/>

July 16-23 *COSPAR Scientific Assembly*, Beijing, China  
<http://www.copernicus.org/COSPAR/COSPAR.html>

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For future newsletter items please contact:  
Section Secretary Wendy Calvin, [wcalvin@unr.edu](mailto:wcalvin@unr.edu)  
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AGU Planetary Sciences Section NEWSLETTER # 2

25 March 2005

- 1) Section Launches New Web Pages
- 2) Correction! COSPAR in 2006
- 3) More meetings!
- 4) Call for Whipple Award Nominations, Due June 1

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**1) Section Launches New Web Pages:**

The Section has launched new web pages emphasizing section related business and relevant journal and meeting links.

<http://planets.agu.org>

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**2) Correction! COSPAR in 2006**

Thanks to the eagle eyes of our members, who noted that the COSPAR meeting is in July 2006, not this summer.

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**3) Some other upcoming meetings we missed last time:**

Asia Oceania Geosciences Society (AOGS) Singapore June 20 to 24  
<http://www.asiaoceania-conference.org/>

ACM 2005 Asteroids, Comets, Meteors (IAU Symposium)  
Rio de Janeiro, Brazil, Aug 7 to 12 Abstracts due 15 May.  
<http://www.on.br/acm2005/>

IAGA 2005 Scientific Assembly Toulouse, France July 18 to 29, 2005  
covering electrical and magnetic properties of the Earth's core, mantle and crust,  
the middle and upper atmosphere, the ionosphere and magnetosphere, the Sun,  
the solar wind, the planets and interplanetary bodies.  
<http://www.copernicus.org/IAGA/2005/index.htm>

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**4) Call for Whipple Award Nominations: Due June 1**

The Whipple Award was established in 1989 to honor an individual who has made an outstanding contribution in any field of planetary science.  
See <http://www.agu.org/sections/planets/psaward.html> for further information.

Nominations are due June 1, 2005

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For future newsletter items please contact:  
Section Secretary Wendy Calvin, [wcalvin@unr.edu](mailto:wcalvin@unr.edu)

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## AGU Planetary Sciences Section E-NEWS #3

20.April. 2005

- 1) Free MISR Workshop at Joint Assembly May 22
- 2) PGG Study Concepts - Requested by June 1
- 3) Whipple Award Reminder Nominations due June 1
- 4) Fall 2005 Meeting Session Call is Coming Soon!

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### **1) Free MISR Workshop at Joint Assembly May 22**

The NASA Langley Atmospheric Sciences Data Center (ASDC) is sponsoring a FREE Workshop on Exploring and Using Multi-angle Imaging SpectroRadiometer (MISR) data at the 2005 Joint Assembly on May 22, 2005, 8:30am - 4pm, at the Marriott Hotel, 555 Canal St., New Orleans, Louisiana.

The Multi-angle Imaging SpectroRadiometer (MISR) on NASA's Terra satellite collects global images at nine along-track angles and four spectral bands within a 7-minute interval at every viewed point. This information is being used to map aerosols, clouds, and land surface covers. MISR Principal Investigator Dr. David J. Diner of JPL will present an overview of the experiment, and highlight some recent explorations.

Dr. Diner, other members of the MISR team, and a representative from ASDC User and Data Services will be the instructors.

On-line registration for the FREE Workshop will be available until May 19, 2005.

The Workshop Registration and draft Agenda are available from the ASDC web site at: <http://eosweb.larc.nasa.gov/PRODOCS/misr/workshop/index.html>

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### **2) PGG Study Concepts - Requested by June 1**

#### **Call for candidate Planetary Geology and Geophysics study concepts**

The last decade has seen a tremendous increase in the quality and quantity of data sets relevant to planetary geology and geophysics. Concurrently, there has been a substantial increase in interest in the planetary geosciences, as reflected at the 2005 Lunar and Planetary Science Conference, attended by more than 1400 participants.

It is appropriate for the community to reflect on important, cross-cutting issues for Planetary Geology and Geophysics through topical studies, workshops, field

conferences, and other vehicles that stimulate the exchange of ideas and the fostering of collaborative efforts. Such activities can range from single events, such as a focused topical workshop, to multi-year projects, on the scale of the current Cosmochemistry project on oxygen in the solar system. The Lunar and Planetary Institute can provide logistical support for some of these activities each year.

This notice is to encourage the development of concepts for such activities. If you have a candidate concept, please send a one-page summary outlining the goals, background and relevance, anticipated participation, and expected outcome to Dr. Stephen Mackwell, Director of the Lunar and Planetary Institute (mackwell@lpi.usra.edu), with a copy to Dr. Steve Saunders, Discipline Scientist for Planetary Geology and Geophysics (stephen.saunders@nasa.gov). Although there is no formal date for submissions, concepts for the coming year (2006) will be fully considered if submitted by 1 June 2005.

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### **3) Whipple Award Reminder Nominations due June 1**

The Whipple Award was established in 1989 to honor an individual who has made an outstanding contribution in any field of planetary science. Packages should include a current resume for the nominee and letter stating why the individual deserves the award. This letter should be signed or supported by two to six members of the section.

See <http://www.agu.org/sections/planets/psaward.html> for further information.

Nominations are due June 1, 2005

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### **4) Fall 2005 Meeting Session Call is Coming Soon!**

Fall AGU is attended by over 10,000 people from all sections of the Union. Topical sessions cover the breadth and depth of the Planetary Sciences section.

Session topics rely on our membership to identify the most timely and compelling areas of research and to volunteer as conveners. The number of oral session rooms our Section receives for the meeting is directly linked to the number of abstracts submitted to our Section's sponsored sessions.

This year's Fall session proposal page will open soon and close in early June. Please consider submitting a session proposal for the meeting.

Fall AGU will be held Dec 5-9, 2005 in San Francisco.

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For future newsletter items please contact:

Section Secretary Wendy Calvin, wcalvin@unr.edu

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AGU Planetary Sciences Section NEWSLETTER #4

9.May. 2005

- 1) Call for Special Sessions, Fall AGU Due June 10
- 2) Whipple Award Reminder Nominations Due June 1

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**1) Call for Special Sessions, Fall AGU Due June 10**

The call for Special Sessions for the Fall AGU is open on line and **only until June 10.**

Session topics rely on our membership to identify the most timely and compelling areas of research and to volunteer as conveners. The number of oral session rooms our Section receives for the meeting is directly linked to the number of abstracts submitted to our Section's sponsored sessions.

The job is not difficult and won't take too much time. As a convener you need to

- a) Identify at least one other co-convener
- b) Enter a session title, brief description, and convener info on the AGU website before June 10. <http://www.agu.org/meetings/fm05/>
- c) Canvas your colleagues and community for abstracts and identify invited authors over the summer. It takes about 20 abstracts to make a strong session and there is a strict one abstract per first author rule.
- d) After the abstract submissions close on Sept 8, one of the conveners needs to be available to organize the program on line in AGU's data base. This is the only time-critical function requiring one conveners availability in mid-Sept.

Please note, oral sessions can not be guaranteed, and hinge on the number of abstracts submitted to each session. At the time you organize your program in mid-Sept you will know your oral/poster allotment.

Please help make Fall AGU a dynamite meeting! Propose your session today!

**Note: Fall AGU will be held Dec 5-9, 2005 in San Francisco.**

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**2) Whipple Award Reminder Nominations due June 1**

The Whipple Award was established in 1989 to honor an individual who has made

an outstanding contribution in any field of planetary science. Packages should include a current resume for the nominee and letter stating why the individual deserves the award. This letter should be signed or supported by two to six members of the section and sent to Sean Solomon (scs@dtm.ciw.edu).

See <http://www.agu.org/sections/planets/psaward.html> for further information.

Nominations are due June 1, 2005

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For future newsletter items please contact:  
Section Secretary Wendy Calvin, wcalvin@unr.edu  
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AGU Planetary Sciences Section NEWSLETTER #5

31.May. 2005

- 1) DUE June 10 AGU Sessions for Fall Meeting
- 2) Fall meetings with summer abstract deadlines
- 3) September Dust Devil Workshop

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**1) Call for Special Sessions, Fall AGU Due June 10**

The call for Special Sessions for the Fall AGU is open on line and **only until June 10.**

Session topics rely on our membership to identify the most timely and compelling areas of research and to volunteer as conveners. The number of oral session rooms our Section receives for the meeting is directly linked to the number of abstracts submitted to our Section's sponsored sessions.

The job is not difficult and won't take too much time. Contact your Section Secretary if you need more specifics (email below).

Please help make Fall AGU a dynamite meeting! Propose your session today!

**Note: Fall AGU will be held Dec 5-9, 2005 in San Francisco.**

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**2) Fall Meetings with Summer Abstract Due Dates**

**MetSoc** - Meteoritical Society, Sept. 12-16, Gatlinburg, Tenn

**Abstracts due June 8**

<http://www.lpi.usra.edu/meetings/metsoc2005/>

**DPS** - Division of Planetary Sciences of AAS. Sept. 4 -9, Cambridge UK

**Abstracts due July 1.**

<http://www.dps2005.com/>

**GSA** - Geological Society of America. Oct 16-19, 2005, Salt Lake City,

**Abstracts due July 12.**

<http://www.geosociety.org/meetings/2005/>

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**3) September Dust Devil Workshop**

"DUST DEVILS: EARTH AND MARS" WORKSHOP

A workshop will be held 19-20 September 2005 in Flagstaff Arizona to discuss recent results from field studies, simulations, laboratory experiments and observations of active dust devils on Mars. To receive additional information and to register, contact Ronald Greeley (greeley@asu.edu). For application for student travel support, contact Marguerite Syvertson (Mars Program Office, mls@jpl.nasa.gov or 818-354-6492).

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For future newsletter items please contact:

Section Secretary Wendy Calvin, wcalvin@unr.edu

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AGU Planetary Sciences Section NEWSLETTER #6

28.July. 2005

- 1) Fall AGU Meeting Sessions: Abstracts Due Sept. 8
- 2) Outreach with Latin America for 2007
- 3) EGU Program Call for April 2006 General Assembly
- 4) Contribution designations reminder
- 5) H06 Invitation
- 6) Full list of PS Co-sponsored sessions at Fall AGU

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**1) Fall AGU Meeting Sessions: Abstracts Due Sept. 8**

The Fall session list is online and abstract submissions are open until 23:59 UT Sept. 8th with a **strict** no late abstract deadline. In order to avoid the last minute log jam with Web submissions you are encouraged to submit your abstract well before the deadline.

Planetary sciences has a rich collection of twenty special sessions highlighting recent and new results from Mars Exploration Rovers, Mars Express and Cassini, a wide variety of mars-related sessions, Venus, icy satellites and astrobiology. For the full list please go to: <http://www.agu.org/meetings/fm05/> and search under pre-planned sessions for Planetary Sciences.

In addition we are co-sponsoring 21 sessions with other sections, a full list is provided below and you are encouraged to also consider these sessions of interest to our membership.

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**2) Outreach with Latin America for 2007**

The Joint Assembly will be in Mexico in 2007. If you are a member in Latin America or have collaborations with scientists in Latin America and are interested in helping promote the joint assembly and science sessions please contact the PS secretary, Wendy Calvin ([wcalvin@unr.edu](mailto:wcalvin@unr.edu)) or President, Jerry Schubert ([schubert@ucla.edu](mailto:schubert@ucla.edu)).

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**3) EGU Program Call for April 2006 General Assembly**

The next General Assembly of the European Geosciences Union (EGU 2006) will be held again at the congress centre: Austria Centre Vienna (ACV) in Vienna, Austria, from 2-7 April 2006 with an early registration, the opening ceremony and the icebreaker reception taking place on Sunday, 2 April 2006. The address of the web site is:

<http://meetings.copernicus.org/egu2006/>

We hereby would like to invite you to take an active part in organizing the scientific programme of that conference. If you have any suggest for a session and/or for a convener and/or for a co-convener, please select "Call-for-Programme" on the conference web site, choose your programme area, and find the corresponding Provisional Programme (Skeleton Programme) compiled by the officers of the respective EGU Division or Section incl. the input received from the community at the last business meetings or later. Please, proceed as indicated on the top of the various programmes to include your suggestions.

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#### **4) Contribution designations reminder**

If you are a Supporting Member, please remember you can designate a portion of your contribution to go to the Planetary Sciences section. These contributions will help to sponsor future social events and other section activities.

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#### **5) H06 Invitation**

We would like to call your attention to a session in planetary geomorphology at the forthcoming Fall American Geophysical Union meeting in San Francisco this December. We encourage participation by both scientists working on terrestrial subjects of applicable to other planetary bodies and to planetary scientists working on geomorphological topics.

H06: Planetary Geomorphology: The Role of Fluid, Ice, and Wind in Shaping the Surfaces of Planets and Satellites

Recent exploration has demonstrated that planetary bodies have experienced geomorphic processes that have analogs in terrestrial landscapes. Eolian landforms appear to be present on all planets and satellites with appreciable atmospheres, while fluvial features occur on Mars and Titan, and glacial and periglacial landforms appear to be common on Mars. This session explores the application of terrestrial geomorphic principles to the study of other planetary objects. In particular, we solicit contributions that develop quantitative models of planetary geomorphic processes. Terrestrial analogs studies as well as planetary investigations are welcome.

We will be happy to answer any questions you might have.

Convenors:

Alan D Howard  
University of Virginia  
Department of Environmental Sciences  
P.O. Box 400123  
Charlottesville, VA, USA 22904-4123  
434-924-0563

ah6p@virginia.edu

William E Dietrich  
University of California, Berkeley  
Dept. Earth and Planetary Sciences  
Berkeley, CA, USA 14720-4767  
510-642-2633  
bill@eps.berkeley.edu

Jeffrey Moore  
NASA Ames Research Center  
MS 245-3  
Moffett Field, CA, USA 94035  
650-604-5529  
jeff.moore@nasa.gov

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## **6) Full List of PS Co-sponsored Sessions at Fall AGU**

B03 A Chemoautotrophic Ecosystem Beneath the Larsen B Ice Shelf  
B09 Biogeomagnetism: Processes and Products  
B19 Organic Compounds in Volcanic Hydrothermal Systems: Field, Experiment, and Theory  
B29 Biogeochemical Hotspots  
B28 Molecular Geomicrobiology: From Genomes to Ecosystems

ED02 Integrating Education and Outreach With Large-scale Experiments  
ED11 Teacher Professional Development Programs Promoting Authentic Scientific Research  
in the Classroom

H06 Planetary Geomorphology: The Role of Fluid, Ice, and Wind in Shaping the Surfaces of  
Planets and Satellites

HG02 What do we Know About the K-T Boundary: An Overview

IN22 Analysis and Representation of Geophysical Data on the Sphere

MR04 Thermoelastic Properties of Minerals at High Pressures and Temperatures: Experiments  
Versus Theory

SA06 Dust in the Upper Atmosphere  
SA08 Optical Characterization of Extrasolar Planets for the Search for Life  
SA09 Comparative Planetology - Atmospheres and Aeronomy  
SH07 Genesis Mission Results  
SH11 Solar wind / Environment Interaction at Non-Magnetized Bodies: Mars, Venus, Titan,

and the Moon

SM11 Fundamentals of Charged Particle Acceleration in Planetary Magnetospheres

GP04 Rock Magnetism: Fundamentals and Frontiers

GP10 The Diversity of Planetary Magnetic Fields in the Solar System

V22 Origin, Behaviour, and Role of Magmatic Sulfur in Terrestrial Planets: Theoretical,  
Experimental and Observational Constraints

V32 Magmatic Systems: An Antarctic Perspective

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For future newsletter items please contact:

Section Secretary Wendy Calvin, [wcalvin@unr.edu](mailto:wcalvin@unr.edu)

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AGU Planetary Sciences Section NEWSLETTER #7

25.August. 2005

**Fall Meeting Late Breaking News - Abstracts Due Sept. 8**

- 1) John Wasson selected for Whipple Award
- 2) New Session: P21 -- Impacts and Solar System Accretionary Processes
- 3) Sagan and Shoemaker Lectures
- 4) G16 - Planetary Geodesy
- 5) P12 Invitation
- 6) AGU Fund Drive - Student Grants
- 7) NEW THIS YEAR! Section Reception Monday Dec 5th

**All lecture times and dates and the Fall meeting program schedule will be finalized in the last week of September.**

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**1) John Wasson selected for Whipple Award**

The PS Section Honors and Executive Committees are pleased to announce the selection of John Wasson to receive this years Whipple Award. The award was established in 1989 to honor an individual for their outstanding contributions to planetary science. Dr. Wasson was selected for his chemical and isotopic studies of chondrites and their components, with particular emphasis on the origin of chondrules; compositional studies of iron meteorites; studies of tektites and other impact-produced products; as well as precise neutron-activation data bearing on a wide variety of nebular and asteroidal fractionation processes.

Congratulations John! Please join us in honoring him at the Fall Meeting.

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**2) New Session! "Impacts and Solar System Accretionary Processes"**

In conjunction with John Wasson's Whipple Award lecture a new special session for the Fall meeting has been convened.

P21 "Impacts and Solar System Accretionary Processes" -- This session will highlight the role of impacts in the evolution of the solar system. The conveners solicit contributions based on observations from meteorites or lunar samples, on data from cratered surfaces, or on modeling of impacts.

Convened by Paul H. Warren, UCLA and Klaus Keil University of Hawai'i at Manoa

pwarren@ucla.edu, keil@higp.hawaii.edu

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### **3) Sagan and Shoemaker Lectures**

Our lecture committee is pleased to have two eminent individuals for our named lectures at the Fall Meeting.

The Sagan Lecture (joint with Biogeosciences) will be given by Dr. Steven Squyres, PI of the Mars Exploration Rover Mission.

The Shoemaker Lecture will be given by Dr. Carolyn Porco, Chief Scientist for the Cassini Imaging Science Subsystem Experiment, ISS.

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### **4) G16 Planetary Geodesy:**

We'd like to call your attention to a PS co-sponsored session that we missed in our last newsletter.

#### **G16 Planetary Geodesy**

Geodesy is an essential component of numerous planetary missions. Terrestrial geodetic techniques such as VLBI, Lunar Laser Ranging, and speckle interferometry can also be applied to solar system bodies. We solicit papers on new planetary geodetic results from terrestrial observations or from current space missions such as Mars Express, Mars Odyssey, Mars Global Surveyor, Cassini, the Mars Exploration Rovers and MESSENGER, as well as prospective missions such as the Lunar and Mars reconnaissance orbiters and the Bepi-Colombo mission to Mercury. With the new focus on lunar and Mars exploration, we welcome papers that discuss the geodesy obtainable from the suite of international missions that are currently underway.

Convened by Gregory Neumann, neumann@tharsis.gsfc.nasa.gov

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### **5) P12 Invitation:**

We want to bring to your attention the Special Session P12 Mars Atmospheric Evolution and Amazonian Climate Change that we are organizing for the Fall AGU.

We hope that you will consider submitting your most recent work on this theme for this special session. We are interested in the broad topics of GCMs, variations due to changing orbital and spin-axis parameters, and the geological evidence for climate changes. Please let us know if you have an interest in participating and what the theme of your contribution might be.

Best regards, Jim Head and and Mike Mischna  
james\_head@brown.edu, michael.a.mischna@jpl.nasa.gov

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**6) : AGU Fund Drive - Student Grants**

The AGU Student Grant Program is described in the 28 June Eos article, which can also be accessed online: [http://www.agu.org/pubs/sample\\_articles/eo/2005EO260005.pdf#anchor](http://www.agu.org/pubs/sample_articles/eo/2005EO260005.pdf#anchor)

An important effort is underway to expand the program and give more grants to deserving students who will make the most of AGU meetings. Your donations to help in accomplishing this will be greatly appreciated. The easiest way to make a gift is to go to <http://www.agu.org/givingtoagu>. Select "Donate Now" on the menu bar. If you have any questions, please contact [development@agu.org](mailto:development@agu.org).

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**7) : NEW THIS YEAR! Section Reception Monday Dec 5th.**

The Planetary Sciences section is planning a reception for Monday evening, Dec 5th, 6-8 pm. This event will be great fun, with beer, wine and light food sponsored by our section and several organizations. A small fee (\$5 or \$10) may be requested. The venue will be near the Moscone, but a less sterile environment than the hotels. Future emails will provide more details. Please plan to attend!

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For future newsletter items please contact:  
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AGU Planetary Sciences Section NEWSLETTER #8

19.Sept. 2005

- 1) Late abstracts allowed for those impacted by Katrina - Due 21 Sept
- 2) PSI offers temporary home facility for those displaced by Katrina
- 3) AGU Fellows Nominations fast approaching! Due 1 Oct
- 4) AGU Medals and Honors Nominations Due 15 Oct

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**1) Late abstracts allowed for those impacted by Katrina - Due 21 Sept**

The abstract submission deadline will be extended until 1700 UT (1300 EDT) on 21 September for residents of Louisiana, Mississippi and Alabama, states that were affected by Hurricane Katrina. The condition for the extension is that the First and Corresponding Author must be from an affected area in one of the states. If you meet the criteria for deadline extension, e-mail [fm-help@agu.org](mailto:fm-help@agu.org) for submission instructions.

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**2) PSI offers temporary home facility for those displaced by Katrina**

Planetary Science Institute (Tucson, AZ; [www.psi.edu](http://www.psi.edu)) - PSI is able to provide a temporary home facility (office space, internet access, use of library and data archive) for displaced faculty and researchers in the space and earth sciences. Contact: [psikey@psi.edu](mailto:psikey@psi.edu) or 520-622-6300.

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**3) AGU Fellows Nominations fast approaching! Due 1 Oct**

The deadline for submission of Fellow Nominations is 1 October 2005. Please help support our section and colleagues deserving of this honor by submitting nominations by this deadline. The designation of Fellow is conferred upon not more than 0.1% of all AGU members in any given year. Nominations can be submitted on line by going to this link: <https://www.agu.org/inside/fellows/nomination.php>

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**4) AGU Medals and Honors Nominations Due 15 Oct**

AGU has a series of Medals and awards at the Union level to honor individuals for outstanding contributions in science, leadership, education and journalism. A description of these is provided at <http://www.agu.org/inside/honors.html>

Help improve the visibility of Planetary Sciences among the sections of AGU by nominating deserving members for these awards. Nomination details are provided at <http://www.agu.org/inside/awardnom.html>

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For future newsletter items please contact:  
Section Secretary Wendy Calvin, [wcalvin@unr.edu](mailto:wcalvin@unr.edu)

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## AGU Planetary Sciences Section NEWSLETTER #9

07.November. 2005

- 1) AGU Chapman Conference on Venus
- 2) PS Lectures at Fall AGU
- 3) Don't miss H31G and H33C Planetary Geomorphology
- 4) Looking for Eros?

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### 1) AGU Chapman Conference Announcement:

“Exploring Venus as a Terrestrial Planet”, 13-17 February 2006, at the Sheraton Beach Resort in Key Largo, FL. The conference will review the current knowledge of Venus including surface and interior processes, atmospheric circulation, chemistry, and aeronomy; and compare the evolution of Venus with that of Earth and Mars. It will preview observation plans and results expected from Venus Express and identify objectives for future research and missions. Young scientists and graduate students are strongly encouraged to participate. Papers of exceptionally high quality are solicited for submission as an AGU Monograph or a special issue in an AGU journal pending approval of the AGU Publications program. Abstract and travel support deadlines are 15 November, 2005. Convener, Larry Esposito, LASP/CU; Co-Convener, Dimitry Titov, Max-Planck Institut für Sonnensystemforschung. Co-sponsored by NASA, the European Space Agency and the University of Colorado. For more information: <http://www.agu.org/meetings/cc06bcall.html>

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### 2) Planetary Science Section Lectures at Fall AGU

Be sure to include these Union and Section lectures in your Fall meeting itinerary:

Monday, 5 December, 0800h, Sagan Lecture  
P11D: *Spirit, Opportunity, and the Exploration of the Red Planet*  
Presented by Steven Squyres, Cornell University  
Marriott, Yerba Buena, Salon 8,

Tuesday, 6 December, 0800h, Shoemaker Lecture  
P21D: *Cassini's Exploration of Saturn*  
Presented by Carolyn Porco, Space Science Institute  
MC, Level 3, Room 3001

Tuesday, 6 December, 1815h, Agency Lecture  
*The Vision for Space Exploration: The Moon and Beyond—NASA's New Direction*  
Presented by Michael D. Griffin, NASA Administrator  
Marriott, Yerba Buena, Salon 8

Thursday, 8 December, 0800h, Whipple Lecture  
P41C: *Impacts, Porosity, and Volatile Loss*  
Presented by John T. Wasson, University of California  
MC, Level 3, Room 3010

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**3) H31G and H33C Planetary Geomorphology**

The web tools for searching for PS co-sponsored sessions are a bit limited. The conveners would like to call your attention to H31G and H33C in Hydrology, the session "Planetary Geomorphology: The Role of Fluid, Ice, and Wind in Shaping the Surfaces of Planets and Satellites", both oral (H31G) and poster (H33C).

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**4) Eros and Small Bodies**

Did you miss the asteroids in the Fall Meeting program? They are in "Outer Solar System Posters" P11A on Monday morning. Apologies as we forgot the "and Small Bodies" addition to this title.

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For future newsletter items please contact:  
Section Secretary Wendy Calvin, [wcalvin@unr.edu](mailto:wcalvin@unr.edu)

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## AGU Planetary Sciences Section NEWSLETTER #10

21.November. 2005

- 1) Reception Sold Out!
- 2) Student Breakfast
- 3) Space Policy Internship for Undergrads
- 4) EGU General Assembly - Call for Papers

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### **1) Reception has sold out**

The Planetary Sciences reception at Fall AGU has sold out. We're glad to see the strong interest and will continue to hold these events at the Fall meeting in the future.

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### **2) Student Breakfast Weds, Dec 7th 6:30am**

ExxonMobil will again be sponsoring a special student breakfast on Wednesday 7 December (6:30 AM - 8:00 AM) during the Fall Meeting. It will be held at the SF Marriott Hotel Yerba Buena Salon 9. This breakfast gives students an opportunity meet the leadership of their Section/ Focus Group and network with other students interested in their specialty.

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### **3) Summer 2006 Space Policy Internship**

The Space Studies Board (SSB) of the National Academies supports an intern program for undergraduate students every summer. The general goal of the internship is to provide a promising undergraduate with an opportunity to work in the area of civil space research policy in the Nation's Capital, under the aegis of the National Academies.

The successful candidate will have completed his/her junior year, majoring in physics, astronomy, chemistry, biology, or geology (other areas considered on a case-by-case basis), and should have long-term career goals in research, applications, or policy in one of these areas. Good written and verbal communications skills and a good knowledge base in his/her particular area of study are required. Candidates should be capable of responding to general guidance and working independently. Familiarity with the internet and WWW is essential; familiarity with Microsoft Word and HTML is highly desirable but not essential.

Please visit the SSB website at <http://www7.nationalacademies.org/ssb/> to learn

more about the program and obtain application information. The deadline for applications is February 20, 2006

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**4) General Assembly of the European Geosciences Union (EGU)**

EGU General Assembly  
Vienna, Austria, 2-7 April 2006  
<http://meetings.copernicus.org/egu2006/>

Deadline for support applications : 9 December 2005  
Deadline for receipt of abstracts : 13 January 2006  
Deadline for pre-registration : 10 March 2006

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AGU Planetary Sciences Section NEWSLETTER #11

14.December. 2005

- 1) Congratulations to Sean Solomon, Hess Medalist
- 2) Vote! by Jan. 9th.
- 3) Shoemaker Memorial Issue - Australian Impacts
- 4) LPI Undergraduate Internship
- 5) Abstract deadlines: LPSC, AbSciCon, EGS, AOGS, COSPAR

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**1) Congratulations to Sean Solomon!**

This years winner of the Harry H. Hess Medal. A link to the full citation will be forwarded when available.

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**2) AGU Elections open on-line. Vote by 23:59UT Jan 9, 2006**

Please make your choice among the candidates for office for our section.

President-Elect Candidates:

Bruce M. Jakosky

H. Jay Melosh

Secretary Candidates

Nicole J. Rappaport

James R. Zimbleman

Biography and Statements available at:

<http://www.agu.org/elections/candidates.html#p>

Union Candidates and other Section Candidates available at:

<http://www.agu.org/elections/candidates-slate.html>

Vote using your AGU member number and Name at:

<http://www.agu.org/elections/>

Also see this page to obtain a paper ballot.

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**3) Shoemaker Memorial Issue:**

The Australian Journal of Earth Sciences Shoemaker Memorial Issue on the Australian Impact Record: 1997-2005 Update was recently published.

<http://www.tandf.co.uk/journals/titles/08120099.asp>

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#### **4) Summer Undergraduate Research Internship**

The Lunar and Planetary Science Institute (LPI) offers a 10 week summer internship to work with scientists at LPI or NASA-JSC. <http://www.lpi.usra.edu/lpiintern/>  
On-line application deadline including transcript: Jan 20 2006

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#### **5) Upcoming Meeting Abstract Deadlines:**

##### **37th LPSC: Mar 13-17, 2006, Houston, TX**

<http://www.lpi.usra.edu/meetings/lpsc2006/>  
Abstract Deadline: 5:00pm, CST, Jan 10 2006

##### **AbSciCon 2006: Mar 26-30, 2006 Washington, DC**

<http://abscicon2006.arc.nasa.gov/>  
Abstract Deadline: 11:59pm PST, Jan 13 2006

##### **EGS General Assembly, Apr 2-7, 2006, Vienna, Austria**

<http://meetings.copernicus.org/egu2006/>  
Abstract Deadline: Jan 13 2006

##### **AOGS (Asia-Oceania Geosciences Society), July 10 - 14 2006, Suntec Singapore**

<http://www.asiaoceania-conference.org/>  
Abstract Deadline: Feb 1 2006

##### **COSPAR 36th Scientific Assembly: July 16-23, 2006, Beijing, China**

<http://meetings.copernicus.org/cospar2006/>  
Abstract Deadline: Feb 17 2006

As always, a link to current annual meetings can be found on the section web site at:  
<http://www.agu.org/sections/planets/psmeetings.html>

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