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AGU Planetary Sciences Section NEWSLETTER #23

4 September, 2007

- 1) September 6 deadline for Fall AGU abstract submissions!
- 2) Whipple Award
- 3) Sagan and Shoemaker lectures
- 4) Chapman conference announcement

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**1) September 6 deadline for Fall AGU abstract submissions!**

The firm deadline for submission of abstracts for the Fall meeting is **6 September 2007, 2359 UT**. See the AGU Fall meeting web site for submission instructions. A list of special sessions proposed within the Planetary Sciences section was included in newsletter #22 (August 3).

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**2) Whipple Award**

Dr. Raymond Arvidson (Washington University at St. Louis) has been selected to receive the 2007 Whipple Award, the highest honor given by the Planetary Sciences section. The Whipple Award was established in 1989 to honor an individual who has made an outstanding contribution in the field of planetary science. The award is named after Fred Whipple, a gifted astronomer most noted for his work on comets. Dr. Arvidson will give a special lecture at the Fall meeting as part of this award.

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**3) Sagan and Shoemaker lectures**

The Sagan lecturer at the Fall meeting will be Dr. Ralph Lorenz. This lecture is co-sponsored by the Planetary Society, and will be scheduled for an evening during the meeting week so that it can be open to the public. The Shoemaker lecture this year will be Dr. Alfred McEwen, talking about recent HiRISE results.

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**4) Chapman conference announcement**

AGU Chapman Conference on the Solar Wind Interaction with Mars

January 22-25, 2008  
San Diego, California

Deadline for Abstracts: September 15, 2007

Deadline for Travel Assistance Applications: September 15, 2007

Co-sponsors: NASA Mars Program Office, NASA Mars Fundamental Research Program  
Conveners: D. Crider, D. Brain, and R. Lundin

Program Committee: M. Acuna, S. Barabash, C. Bertucci, E. Dubinin, J. Fox, A. Krymskii, H. Lammer, J. Luhmann, A. Nagy, and H. Shinagawa

This Chapman Conference will be the first community-wide focused forum in over 15 years for scientists involved in the study of the solar wind interaction and upper atmosphere of Mars and other bodies. The workshop will address 5 fundamental science questions about the interaction of the solar wind with Mars:

1. How is the structure of the interaction region formed and maintained?
2. How do crustal magnetic fields affect the interaction locally and globally?
3. How does the interaction affect upper atmospheric structure and escape?
4. How do models implement the physics and variability of the system?
5. How does the Martian environment compare to other solar system bodies?

We aim to summarize the current understanding and outstanding questions in the field, facilitate movement from a phenomenological description of the Mars atmosphere/solar wind interface to a physical understanding of the responsible processes, place the many recent spacecraft observations and simulation results in context with each other and past work, and compare the Martian interaction and upper atmosphere to those at other solar system bodies. The meeting will promote the cross-fertilization of research ideas for Mars by attracting experts from a variety of research backgrounds, perspectives, and fields, as well as new-comers to Mars-related research.

<http://sprg.ssl.berkeley.edu/~brain/chapman/chapman.html>

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For future newsletter items, please contact Section Secretary Jim Zimbelman,  
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