
AGU Planetary Sciences Section NEWSLETTER #27

April 25, 2008

- 1) Joint Assembly will be held 27 – 30 May in Ft. Lauderdale
- 2) Planetary Sciences sessions at 2008 Joint Assembly
- 3) Whipple Award and Fellow nominations

1) Joint Assembly will be held 27 – 30 May in Ft. Lauderdale

The 2008 Joint Assembly will be held 27 – 30 May at the Greater Ft. Lauderdale-Broward County Convention Center, located at 1950 Eisenhower Blvd, Fort Lauderdale, Florida. The technical program has now been set is available on the AGU Meetings web site; see the next newsletter item for details regarding the Planetary Sciences section. The deadline for housing reservations is April 28, and the on-line registration deadline is May 9. For complete details, see: www.agu.org/meetings/ja08/.

2) Planetary Sciences sessions at 2008 Joint Assembly

Wednesday Morning 1

<u>Time</u>	<u>Session</u>	<u>Location</u>	<u>Title</u>
0830	P31A	CC 221	Saturn: Ionosphere, Rings, and Moons (joint with SA, SM)

Presiding: E C Sittler, NASA Goddard Space Flight Center; E T Bradley, University of Central Florida

0830 P31A-01 CC 221 Recent Cassini radio science observations of the ionosphere of Saturn

*A J Kliore, A F Nagy, f M Flasar, E A Marouf, A Anabtawi

0850 P31A-02 CC 221 Composition and Size Properties of Saturn's Rings Determined From Ultraviolet Measurements Made by the Cassini Ultraviolet Imaging Spectrograph

*E T Bradley, J E Colwell, L W Esposito

0910 P31A-03 CC 221 Mass and Thickness of the Cassini Division in Saturn's Rings

*J E Colwell, L W Esposito, J H Cooney, R G Jerousek, J J Lissauer, G R Stewart, M Sremcevic

0930 P31A-04 CC 221 Correlative Observations of Enceladus and Europa: Clues to Unusual Morphology and Surface Activity

*B J Buratti, S Newman, W Grundy, J Mosher

0945 P31A-05 CC 221 Composition of Upstream Flow for Titan's Interaction with Saturn's Magnetosphere during T9 Flyby

*E C Sittler Jr., R E Hartle, A Lipatov, C Bertucci, A Coates, K Szego, M Shappirio, D G Simpson

1000 P31A-06 CC 221 Effects of Pickup Ions on Titan's Interaction With Saturn's Magnetosphere During the T9 Flyby

*R E Hartle, E C Sittler Jr. A Lipatov, C Bertucci, A J Coates, K Szego, M D Shappirio, D G Simpson

1015 P31A-07 CC 221 Photochemistry of Titan's Atmosphere and Ionosphere

*V A Krasnopolsky

Wednesday Afternoon 2

<u>Time</u>	<u>Session</u>	<u>Location</u>	<u>Title</u>
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1600	P34A	CC 221	Inner Solar System (joint with SA)
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Presiding: J R Zimbelman, Smithsonian Institution; R Howard, U.S. Naval Research Laboratory

1600	P34A-01	CC 221	Venus Atmosphere: First Detection of OCS and Latitudinal Variations of CO and HF in the Upper Cloud Layer
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*V A Krasnopolsky

1615	P34A-02	CC 221	Study of the Venusian hydrogen corona with SPICAV on Venus Express
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*J Chaufray, J Bertaux, F Leblanc, E Quemerais, E Villard

1630	P34A-03	CC 221	The effect of solar wind impact on the lunar sodium emission
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*M Sarantos, R M Killen, J A Slavin

1645	P34A-04	CC 221	Semiannual oscillations in the atmosphere of Mars
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*A S Medvedev, T Kuroda, P Hartogh, M Takahashi

1700	P34A-05	CC 221	Yardangs in the Intensely Eroded Lower Member of the Medusae Fossae Formation, Mars
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*J R Zimbelman

1720	P34A-06	CC 221	Infrared Spectra of Comet-Asteroid Transition Object 944 Hidalgo
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*K Hargrove, H Campins, M Kelley, Y Fernandez, J Ziffer, J Licandro, J Emery, D Cruikshank, C Hergenrother, N Pinilla-Alonso, D Clautice

1740	P34A-07	CC 221	Observations of Dust Impacts from STEREO
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*R A Howard, C St Cyr, M Kaiser, K Goetz, R A Harrison

Thursday Morning 1

<u>Time</u>	<u>Session</u>	<u>Location</u>	<u>Title</u>
0830	P41A	CC Hall A	Planetary Sciences Posters (joint with SA)

Presiding: R P Irwin, Center for Earth and Planetary Sciences, Smithsonian Institution

0830 P41A-01 CC Hall A Resonance Line Radiative Transfer for Hot Atom Coronas using Kappa Distributions
*J Chaufray, R Gladstone

0830 P41A-02 CC Hall A Mercury: a final prediction for internal thermal and physical structure, prior to MESSENGER data
*A J Prentice

0830 P41A-03 CC Hall A The Vichada Impact Crater In Northwestern South America And Its Potential For Economic Deposits
*O Hernandez, R R von Frese

0830 P41A-04 CC Hall A Analysis and Interpretation of Potential Impact Structures in Central Arizona
M E Beach, E P Helfrich, A M Millhouse, H A Roop, *D S Brumbaugh

0830 P41A-05 CC Hall A Montana Evidence for Extra-Terrestrial Impact Event That Caused Ice-Age Mammal Die-Off
*D W Baker, P J Miranda, K E Gibbs

0830 P41A-06 CC Hall A Titan's plasma environment for T9 encounter: 3D hybrid simulation and comparison with observations
*A S Lipatov, E C Sittler Jr. R E Hartle

0830 P41A-07 CC Hall A Outer Planet Flagship Missions
*C Niebur, L Dudzinski, M Coradini, J Lebreton, J A Cutts

0830 P41A-08 CC Hall A Results From SEPPCoN, a Survey to Study the Physical Properties of the Nuclei and Dust of Jupiter-Family Comets
*Y Fernandez, M Kelley, P Lamy, W Reach, I Toth, O Groussin, C Lisse, M A'Hearn, J Bauer, H Campins, A Fitzsimmons, J Licandro, S Lowry, K Meech, J Pittichova, C Snodgrass, H Weaver

3) Whipple Award and Fellow nominations

Please consider nominating a worthy colleague for the Whipple award, the highest honor that can be bestowed by the section. The deadline for receiving a nomination is **July 1, 2008**. For a list of the materials needed to comprise a nomination package, see

www.agu.org/sections/planets/psaward.html. Gerald Schubert has accepted the invitation of the section president to replace Stan Peale on the Awards committee for the section. Our sincere thanks go to both Stan, who served many years on the committee, and to Jerry for accepting this new role of service to the community.

The deadline for nominations of AGU Fellows is also **July 1, 2008**. Please nominate a colleague that is deserving of this honor. For details about what is required for a Fellow nomination package, go to www.agu.org/inside/fellguides.html.

For future newsletter items, please contact Section Secretary Jim Zimbelman,
zimbelmanj@si.edu
