Mars Science News

Mars Inputs to the Decadal Survey

The MEPAG community really stepped up to the plate these last few months in preparing position papers for the Decadal Survey Mars panel and the steering committee. Counting those papers that were discussed at length at the MEPAG meeting in Providence this summer, there were over 65 papers submitted by the Mars community. This is great, showing the depth and breadth of Mars science and I thank you all for these thoughtful and well-crafted contributions.

Sincerely,
Dr. Jack Mustard, MEPAG Chair

Call for New Candidate MSL Landing Sites

We invite you to propose new candidate landing sites for the 2011 Mars Science Laboratory (MSL) mission. Specific requirements for proposing a new site and associated science and engineering criteria that must be included/discussed can be found in the abstract template posted at http://marsoweb.nas.nasa.gov/landingsites/ and http://webgis.wr.usgs.gov/msl. Abstracts describing new sites should be submitted via e-mail to John Grant (grantj@si.edu) and Matt Golombek (matthew.p.golombek@jpl.nasa.gov). New candidate sites must be proposed by October 31, 2009, to be considered.

Regards,
John Grant and Matt Golombek

Near-term Due Dates (next three months)

<table>
<thead>
<tr>
<th>Due</th>
<th>Project</th>
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<tbody>
<tr>
<td>10/27</td>
<td>Ground-Based Geophysics on the Moon Conference abstracts deadline</td>
</tr>
<tr>
<td>10/31</td>
<td>Deadline for proposal new candidate MSL landing sites</td>
</tr>
<tr>
<td>12/1</td>
<td>Lunar and Planetary Science Conference #41 abstracts deadline</td>
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<tr>
<td>12/1</td>
<td>Astrobiology Science Conference 2010 abstracts deadline</td>
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<tr>
<td>1/15</td>
<td>Planet Mars III Workshop registration deadline</td>
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<tr>
<td>1/18</td>
<td>EGU – General Assembly 2010 abstracts deadline</td>
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</table>
Dear MEPAG Community,

I met with Bob Bruner of the Denver Museum of Nature & Science last month. He has spent the past 60 years collecting books about Mars research. He developed a collection that includes both rare and more common books on science and astronomy that document the state of Mars research over time.

Mr. Bruner recently donated his collection to the Lowell Observatory and wanted us to know about this resource for historical research. The URL for the Lowell library is: http://www.lowell.edu/Research/library/ and you can find his donations by searching on "Bruner" in the annotations field.

Regards,
Lisa May
Mars Exploration Program, NASA Headquarters

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**Upcoming Conferences and Workshops**

<table>
<thead>
<tr>
<th>Type</th>
<th>Date &amp; Location</th>
<th>Event Information</th>
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<tbody>
<tr>
<td><strong>Fourth Quarter, 2009</strong></td>
<td></td>
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<tr>
<td>October 2009</td>
<td></td>
<td><strong>Call for Additional MSL Landing Sites</strong> (Potentially add one more)</td>
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</table>
| October 1, 2009 | Pasadena, California, USA | **Next 2001 Mars Odyssey PSG Meeting**  
Contact Jeff Plaut (Jeffrey.J.Plaut@jpl.nasa.gov) |
| October 4–9, 2009 | Fajardo, Puerto Rico, USA | **41st Annual DPS Meeting**  
[http://www.aas.org/dps/meetings.html](http://www.aas.org/dps/meetings.html)  
The El Conquistador Resort (meeting site) is now open for reservations. |
| October 12-14, 2009 | Brussels, BELGIUM | **9th European Workshop on Astrobiology EANA'09**  
Contact: Christian Muller (Christian.muller@aeronomie.be) |
| October 12-14, 2009 | Moscow, RUSSIA | **50th Vernadsky-Brown Microsymposium**  
This microsymposium will cover multiple topics in planetary science, with the last day devoted to the analysis of the Martian satellite Phobos. Sponsored by the Russian Foundation of Basic Research.  
Contacts: Alexander Basilevsky ([atbas@geokhi.ru](mailto:atbas@geokhi.ru)) and James W. Head ([James_Head_III@Brown.edu](mailto:James_Head_III@Brown.edu))  
| October 12-16, 2009 | Daejeon, SOUTH KOREA | **60th International Astronautical Congress (IAC)**  
Tuscany, ITALY
12-16 October 2009

GEOLOGICAL MAPPING OF MARS:A WORKSHOP ON NEW CONCEPTS AND TOOLS (12-14 October) and FIELD TRIP ON THE GEOLOGY OF TUSCANY (15 – 16 October)
The workshop will focus on three currently evolving aspects to planetary geological mapping: (1) the identification and mapping of geological units and features, (2) the digital tools that provide an efficient way to assemble data and map the surface, and (3) the extension of surface contact mapping into the subsurface and in a 3D environment.
Contact: Gian Gabriele Ori [ggori@irsps.unich.it]
http://www.irsps.unich.it/education/mapping09

October 18–21, 2009
Portland, Oregon, USA

Geological Society of America National Meeting
http://www.geosociety.org/meetings/

October 20-22, 2009
Laurel, Maryland, USA

(NASA) 3-Day Training Course on Planetary Protection
"Planetary Protection: Policies and Practices"
Designed to familiarize current and future practitioners with NASA, ESA, and COSPAR planetary protection programs.
Enrollment: 20 participants - Contact: tasalb@msn.com
http://planetaryprotection.nasa.gov/pp/course/index.htm

October 26-28, 2009
Irvine, California, USA

Decadal Survey - Second Inner Planets Panel Meeting
National Academies’ Beckman Center, 100 Academy Drive

October 26-28, 2009
Irvine, California, USA

Decadal Survey - Second Giant Planets Panel Meeting
National Academies’ Beckman Center, 100 Academy Drive

October 28-29, 2009
Irvine, California, USA

VEXAG Meeting
On Wednesday afternoon and Thursday morning, in conjunction with the Next Decadal Survey Panel Meetings

October 28-30, 2009
Irvine, California, USA

Decadal Survey - Second Primitive Bodies Panel Meeting
National Academies’ Beckman Center, 100 Academy Drive

November 4-6, 2009
Pasadena, California, USA

Decadal Survey - Second Mars Panel Meeting
California Institute of Technology, 1200 E. California Boulevard

November 9-10, 2009
Amman, JORDAN

The first Arab Impact Cratering and Astrogeology Conference
http://aicac.jga.org.jo/main1/

November 16-18, 2009
Irvine, California, USA

Decadal Survey - Second Planetary Science Steering Group
National Academies’ Beckman Center (Huntington Room).
http://www7.nationalacademies.org/beckman/

November 16-19, 2009
Houston, Texas, USA

Annual Meeting of the Lunar Exploration Analysis Group (LEAG 2009) at the Lunar and Planetary Institute
http://www.lpi.usra.edu/meetings/leag2009

Update
November 23-24, 2009
ESRIN, Frascati, ITALY

Mars Express Science Team Meeting
Monday-Tuesday before the Workshop on Methane on Mars
Contact Olivier Witasse (Olivier.Witasse@esa.int)

November 25-27, 2009
ESRIN, Frascati, ITALY

Joint ESA-ASI Workshop on Methane on Mars: Current Observations, Interpretation and Future Plans
The goal of the workshop is to review the potential reservoirs and release mechanisms of methane and its circulation in the atmosphere, and possible origins of this constituent.
http://www.congrex.nl/09c26/
Contact Olivier Witasse (Olivier.Witasse@esa.int)
December 15-17, 2009
London, UK

Exploration Remote Sensing – GRSG AGM 2009
The Geological Society (Burlington House)
Contact: Chairman Dan Taranik at dttaranik@angloamerican.co.uk

December 14-18, 2009
San Francisco, California, USA

AGU Fall Meeting
www.agu.org/meetings/fm09/
See web site for details of the new abstract system.

First Quarter, 2010

2010
Golden, Colorado, USA

11th Space Resources Roundtable
Held at the Colorado School of Mines
Joining individuals from the space exploration community, the financial
sector and mining and minerals industries, the SRR seeks to bring
together interested parties to discuss issues related to the In-Situ
Resource Utilization (ISRU) of Lunar, asteroidal and Martian resources.

New
January 4-9, 2010
Seapal Suma, Kobe, JAPAN

The CPS 6th International School of Planetary Sciences –
First Circular "Planetary Atmospheres - Sisters, relatives and ancestors
of our own"
Enrollment: 50 participants - Application deadline: September 25, 2009
http://w2ww.cps-jp.org/~pschool/2010-01-04/

January 10-15, 2010
Galveston, Texas, USA

The Gordon Research Seminar (GRS) Origin of Life
Being held in conjunction with the Gordon Research Conference Origin of
life (January 10-15, 2010) and will offer the unique opportunity for
young researchers to present cutting edge research and discuss
emerging ideas within the origin of life context.

January 13-15, 2010
Santiago, Chile

AstroBio 2010

January 21-22, 2010
Tempe, Arizona, USA

Ground-Based Geophysics on the Moon
Contacts: Matthew Fouch, Andrew Dombard, Catherine Johnson at
lunargeophys@asu.edu
Abstraction submission deadline: October 27, 2009
http://www.lpi.usra.edu/meetings/lunargeo2010/lunargeo20101st.shtml

January 25-26, 2010
London, UK

The Detection of Extra-Terrestrial Life and the
Consequences for Science and Society
http://royalsociety.org/event.asp?id=8602&month=1,2010

New
January 26, 2010
Tempe, AZ, USA

Mars Odyssey PSG
Arizona State University
Hosted by Phil Chistensen

New
January 27-29, 2010
Boulder, CO, USA

Lunar Dust, Plasma and Atmosphere: The Next Steps
A scientific workshop on "Lunar Dust, Plasma and Atmosphere: The Next
Steps" will be held at the Laboratory for Atmospheric and Space Physics of
the University of Colorado.
http://lpa2010.colorado.edu/

New
February 18-20, 2010
Boulder, CO, USA

Next-Generation Suborbital Researchers Conference
Save the date Announcement at
http://lpi.usra.edu/meetings/nsrc2010

New
February 22-24, 2010
Irvine, CA, USA

Decadal Survey Steering Group

New
March 17-18, 2010
Monrovia, California, USA

MEPAG #22
Contacts: Charles Budney (Charles.j.budney@jpl.nasa.gov)
and Joyce Pulliam (Joyce.N.Pulliam@jpl.nasa.gov)
<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
<th>Event</th>
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<tbody>
<tr>
<td>March 1-5, 2010</td>
<td>The Woodlands, Texas, USA</td>
<td>Lunar and Planetary Science Conference #41</td>
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<tr>
<td>March 14-17, 2010</td>
<td>Honolulu, Hawaii, USA</td>
<td>ASCE Earth and Space 2010 Conference</td>
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<tr>
<td>March 17-18, 2010</td>
<td>Monrovia, California, USA</td>
<td>Mars Exploration Program Analysis Group (MEPAG #22)</td>
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<tr>
<td>March 28-April 2, 2010</td>
<td>Valley of Chamonix, FRANCE</td>
<td>Planet Mars III Workshop – Les Houches</td>
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<tr>
<td>April 12-14, 2010</td>
<td>Boulder, CO, USA</td>
<td>Decadal Survey Satellites Panel</td>
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<tr>
<td>April 14-16, 2010</td>
<td>Boulder, CO, USA</td>
<td>Decadal Survey Mars Panel</td>
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<td>April 19-23, 2010</td>
<td>El Paso, Texas, USA</td>
<td>First International Conference on Mars Sedimentology and Stratigraphy</td>
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<td>April 21-23, 2010</td>
<td>Boulder, CO, USA</td>
<td>Decadal Survey Inner Planets Panel</td>
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<td>April 26-28, 2010</td>
<td>Knoxville, TN, USA</td>
<td>Decadal Survey Primitive Bodies Panel</td>
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<td>April 26-29, 2010</td>
<td>League City, Texas, USA</td>
<td>Astrobiology Science Conference 2010</td>
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<tr>
<td>May 2-7, 2010</td>
<td>Vienna, AUSTRIA</td>
<td>European Geosciences Union (EGU) – General Assembly 1010</td>
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<td>May 3-6, 2010</td>
<td>Monastir, TUNISIA</td>
<td>Astronomical Data Analysis (ADA6)</td>
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<tr>
<td>May 5-7, 2010</td>
<td>Boston, MA, USA</td>
<td>Decadal Survey Giant Planets Panel (or Woods Hole, MA)</td>
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<tr>
<td>May 25-27, 2010</td>
<td>Washington, DC, USA</td>
<td>Decadal Survey Steering Group</td>
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<tr>
<td>June 12-13, 2010</td>
<td>Barcelona, SPAIN</td>
<td>Planetary Protection Short Course</td>
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**Second Quarter, 2010**
<table>
<thead>
<tr>
<th>Event</th>
<th>Dates</th>
<th>Location</th>
<th>Details</th>
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<tbody>
<tr>
<td></td>
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<td></td>
<td>Contact: Hap McSween at <a href="mailto:mcsween@utk.edu">mcsween@utk.edu</a></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Abstracts deadline not yet established</td>
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<td></td>
<td></td>
<td></td>
<td>Contact: Ian Sims, <a href="mailto:ian.sims@univ-rennes1.fr">ian.sims@univ-rennes1.fr</a></td>
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<td></td>
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<td></td>
<td><a href="http://www.rsc.org/ConferencesAndEvents/RSCConferences/FD147/index.aspx">http://www.rsc.org/ConferencesAndEvents/RSCConferences/FD147/index.aspx</a></td>
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<tr>
<td>International Polar Year Oslo Science Conference</td>
<td>June 8-12, 2010</td>
<td>Oslo, NORWAY</td>
<td><a href="http://www.ipy-osc.no/">http://www.ipy-osc.no/</a></td>
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<tr>
<td>Third MSL Landing Site Engineering Assessment Workshop</td>
<td>July 2010</td>
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<tr>
<td>Fourth MSL Landing Site Community Workshop</td>
<td>September 2010</td>
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<tr>
<td>42nd Annual Meeting of the DPS</td>
<td>October 18-22, 2010</td>
<td>Madison, Wisconsin, USA</td>
<td><a href="http://www.aas.org/dps/meetings.html">http://www.aas.org/dps/meetings.html</a></td>
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<tr>
<td>Date</td>
<td>Event</td>
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<tr>
<td>December 13–17, 2010</td>
<td>AGU Fall Meeting</td>
<td>San Francisco, California, USA</td>
<td><a href="http://www.agu.org/meetings">www.agu.org/meetings</a></td>
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<tr>
<td>2011</td>
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<tr>
<td>March 2011</td>
<td>Fifth MSL Landing Site Community Workshop</td>
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<tr>
<td>October 2011</td>
<td>43rd Annual Meeting of the DPS</td>
<td>Nice, FRANCE</td>
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<tr>
<td>October 9–12, 2011</td>
<td>Geological Society of America National Meeting</td>
<td>Minneapolis, Minnesota, USA</td>
<td><a href="http://www.geosociety.org/meetings/">http://www.geosociety.org/meetings/</a></td>
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<tr>
<td>December 12–16, 2011</td>
<td>AGU Fall Meeting</td>
<td>San Francisco, California, USA</td>
<td><a href="http://www.agu.org/meetings">www.agu.org/meetings</a></td>
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<tr>
<td>2012</td>
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<tr>
<td>August 2012</td>
<td>75th Annual Meeting of the Meteoritical Society</td>
<td>Cairns, Queensland, AUSTRALIA</td>
<td><a href="http://www.meteoriticalsociety.org/simple_template.cfm?code=news_meetings">http://www.meteoriticalsociety.org/simple_template.cfm?code=news_meetings</a></td>
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<tr>
<td>August 2012</td>
<td>The 34th International Geological Congress</td>
<td>Brisbane, AUSTRALIA</td>
<td><a href="http://www.33igc.org/">http://www.33igc.org/</a></td>
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<tr>
<td>2013</td>
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<tr>
<td>July 2013</td>
<td>8th International Conference on Mars</td>
<td>Pasadena, California, USA</td>
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Special holidays to consider when scheduling conferences/workshops/meetings:

<table>
<thead>
<tr>
<th>Holiday</th>
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(Note that Jewish holidays start at sundown the previous evening).

EDITORS

Joyce Pulliam  Joyce.N.Pulliam@jpl.nasa.gov  818-393-0444
Charles Budney  Charles.J.Budney@jpl.nasa.gov  818-354-3981
David Beaty  David.Beaty@jpl.nasa.gov  818-354-7968
Please send your Mars Community Announcements and calendar items for inclusion in next month’s email to Joyce Pulliam, Joyce.N.Pulliam@jpl.nasa.gov, 818-393-0444.

All announcements listed in this newsletter will be posted on the MEPAG website, available at http://mepag.jpl.nasa.gov.