

Mars Exploration Science Monthly Newsletter

A publication of the Mars Program Office and the Mars Exploration Program Analysis Group (MEPAG)

Issue: May 2010

Next MEPAG meeting September 30 – October 1, 2010, Monrovia, California.

Near-term Due Dates (next three months)

Due	Project
5/3	3rd Annual NASA Lunar Science Forum abstracts deadline
5/10	EPSC 2010 abstracts deadline
5/11	73rd Annual Meeting of the Meteoritical Society abstracts deadline
5/28	ExoClimes 2010 abstracts deadline
6/1	Nordlingen 2010 registration deadline
6/30	LEAG 2010 abstracts deadline

Upcoming Conferences and Workshops

Type	Date & Location	Event Information
<i>Second Quarter, 2010</i>		
	May 2-7, 2010 Vienna, AUSTRIA	European Geosciences Union (EGU) – General Assembly 1010
	May 3-6, 2010 Monastir, TUNISIA	Astronomical Data Analysis (ADA6) http://www.aset.org.tn/conf/ADA6
	May 4-7, 2010 Noordwijk, NETHERLANDS	Herschel First Results Symposium (ESLAB 2010) http://herschel.esac.esa.int/FirstResultsSymposium.shtml
	May 5-7, 2010 Boston, Massachusetts, USA	Decadal Survey Giant Planets Panel (or Woods Hole, MA)
	May 18-21, 2010 Alamosa, Colorado, USA	Second International Planetary Dunes Workshop: Planetary Analogs – Integrating Models, Remote Sensing, and Field Data http://www.lpi.usra.edu/meetings/dunes2010
	May 24-28, 2010 Breckenridge, Colorado USA	Meteoroids 2010 http://www.cora.nwra.com/Meteoroids2010/
	May 25-26, 2010 Provo, Utah, USA	Io Workshop http://pirlwww.lpl.arizona.edu/~jani/ioworkshop2010/
	May 25-27, 2010 Washington, DC, USA	Decadal Survey Steering Group

	May 26, 2010 Pasadena, California USA	Next 2001 Mars Odyssey PSG Jet Propulsion Laboratory Contact Jeff Plaut (plaut@jpl.nasa.gov)
	June 1–August 9, 2010 Houston, Texas, USA	Lunar Exploration Summer Intern Program Hosted by Lunar Planetary Institute (LPI) Contact Dr. David Kring at kring@lpi.usra.edu http://www.lpi.usra.edu/lunar_intern/
	June 2-4, 2010 Kiruna, SWEDEN	Mars Express Science Working Team Meeting Contact Oliver Witasse at owitasse@rssd.esa.int
	June 8-10, 2010 Golden, Colorado, USA	First Joint Meeting of Space Resources Roundtable and Planetary & Terrestrial Mining Sciences Symposium For more information, please visit the SRR web page at: http://www.isruinfo.com/ and open the SRR/PTMSS 1 st Announcement pdf file.
	June 8-12, 2010 Oslo, NORWAY	International Polar Year Oslo Science Conference http://www.ipy-osc.no/
	June 9-11, 2010 Oslo, NORWAY	Damage to Target Rocks During Impact Cratering http://folk.uio.no/stephaw/cdws.html
	June 12-13, 2010 Barcelona, SPAIN	Planetary Protection Short Course http://www.planetaryprobe.eu/
	June 13-18, 2010 Knoxville, Tennessee, USA	Goldschmidt Conference http://www.goldschmidt2010.org/ Contact: Hap McSween at mcsween@utk.edu Online registration deadline May 18, 2010 Session 01d: The New Mars: Geochemistry of a Neighbor Planet Conveners: Dave Des Marais (NASA Ames) and Scott McLennan (Stony Brook) Keynote: Lisa Pratt (Indiana) Mars is the one other planet in the solar system that apparently had a climate most similar to that of Earth. Mars differentiated very early into a core, mantle and crust; it preserved an ancient geological record that has no parallel on Earth; and it evolved mostly if not completely without plate tectonics. An early hydrological cycle sustained precipitation, streams and lakes. Later, volcanism, impacts, groundwater, and ice interacted at least locally. Liquid water participated in rock weathering reactions, such as iron and sulfur oxidation, that created distinctive weathering regimes and potentially sustained life. Methane in the atmosphere apparently requires a strong subsurface source(s). Conditions therefore could have supported life sometime in the past and perhaps could even sustain it today. This session will highlight recent geochemical investigations that are unveiling "the new Mars" and will lead ultimately to determining its geochemical evolution and whether life ever developed.
	June 14-16, 2010 Brittany, FRANCE	Faraday Discussion 147: Chemistry of the Planets Saint Jacut de la Mer. Contact: Ian Sims, ian.sims@univ-rennes1.fr http://www.rsc.org/ConferencesAndEvents/RSCConferences/FD147/index.asp
	June 14-18, 2010 Barcelona, SPAIN	7th International Planetary Probe Workshop 2010 (IPPW-7) http://www.planetaryprobe.eu/

	June 14-18, 2010 Fallberg, SWEDEN	AbGradCon 2010 The foremost astrobiology meeting for early-career researchers invites biologists, geoscientists, astronomers and students from related fields. More information can be found at http://www.abgradcon2010.org
	June 20-26, 2010 Aussois, FRANCE	International Venus Conference For information visit http://lesia.obspm.fr/venus2010/
	June 22-23, 2010 Flagstaff, Arizona, USA	The Annual Meeting of Planetary Geologic Mappers Contact: Les Bleamaster (lbleamas@psi.edu)
	June 25-27, 2010 Nordlingen, GERMANY	Nordlingen 2010: The Ries Crater, the Moon, and the Future of Human Space Exploration Deadline for registration is June 1, 2010 http://www.lpi.usra.edu/meetings/nordlingen2010/nordlingen20101st.shtml
<i>Third Quarter, 2010</i>		
	July 2010	Third MSL Landing Site Engineering Assessment Workshop
	July 5-9, 2010 Hyderabad, INDIA	Laboratory Planetary Sciences at AOGS 2010 http://www.asiaoceania.org/aogs2010
	July 18-25, 2010 Bremen, GERMANY	38th COSPAR Scientific Assembly Topics: - SC B: The Earth-Moon System, Planets, and Small Bodies of the Solar System - SC C: The Upper Atmospheres of the Earth and Planets Including Reference Atmospheres - SC D: Space Plasmas in the Solar System, Including Planetary Magnetospheres - SC F : Astrobiology and Space Science, Including Habitability on Mars : Past, Present & Future - Panel on Planetary Protection (PPP) Contact: cospar@cosparhq.cnes.fr http://www.cospar2010.org/ or http://www.cospar-assembly.org
	July 20-22, 2010 Moffett Field, CA, USA	3rd Annual NASA Lunar Science Forum Ames Research Center Abstracts deadline is May 3, 2010 http://lunarscience2010.arc.nasa.gov
	July 26-30, 2010 New York, New York, USA	73rd Annual Meeting of the Meteoritical Society Contact: Dr. Denton Ebel Deadline for abstracts submission is May 11, 2010 http://www.meteoriticalsociety.org/simple_template.cfm?code=news_meetings
	July 26-30, 2010 Pasadena, California, USA	2010 Sagan Exoplanet Summer Workshop http://nexsci.caltech.edu/workshop/2010/index.shtml
	August 3-4, 2010 Pasadena, CA, USA	3rd Meeting of the NASA Small Bodies Assessment Group (SBAG)

	August 8-13, 2010 Foz do Iguassu, BRAZIL	The Meeting of the Americas (American Geophysical Union) Session P04: Ice Processes of Terrestrial Bodies Polar and ice process vary widely among solar system terrestrial bodies. Earth is dominated by H ₂ O ice, while Mars is dominated by CO ₂ ice. The icy satellites of the outer planets are composed of H ₂ O, N ₂ , and CH ₄ . Yet many of these processes are common to multiple bodies, e.g. the CO ₂ gas jets observed on Mars may be driven by similar processes as the jets observed on Enceladus and Triton. The session seeks to include studies that include laboratory experiments under planetary conditions, models and observations of ice processes. http://www.agu.org/meetings/ja10/program/abstract_submissions.php Detailed information on the programme and meeting organization can be found at http://www.agu.org/meetings/ja10/
	August 21-27, 2010 Budapest, HUNGARY	20th General Meeting of the International Mineralogical Association (IMA2010) You are invited to contribute to the session: PL121: Planetary mineralogy: Meteorites, shock metamorphism, and more. For general information, please visit http://www.ima2010.hu
	August 30 – September 2, 2010 Madison, WI, USA	Venus Atmosphere and Surface Workshop and the 8th VEXAG Meeting Scientists interested in comparative studies of Earth and Venus, as well as Venus atmosphere are invited to attend. Register at http://www.lpi.usra.edu/vexag For more information, visit http://venus.wisc.edu/workshop
	September 7-10, 2010 Exeter, UNITED KINGDOM	ExoClimes 2010 Exploring the Diversity of Planetary Atmospheres Deadline for abstract submission May 28, 2010 For information: http://www.exoclimes.org Contact exoclimes@astro.ex.ac.uk
	September 14-16, 2010 Washington, DC, USA	2010 Annual Meeting of the Lunar Exploration Analysis Group (LEAG 2010) Deadline for abstract submission June 30, 2010 http://www.lpi.usra.edu/meetings/leag2010/
	September 19-25, 2010 Rome, ITALY	European Planetary Science Congress 2010 http://meetings.copernicus.org/epsc2010/ Abstracts deadline May 10, 2010
	September 22-24, 2010 Flagstaff, Arizona, USA	1st Planetary Crater Consortium Meeting Contact Nadine Barlow at Nadine.Barlow@nau.edu to let her know if you plan to attend so that plans can be made for refreshments, etc. Deadline for abstract submission September 3, 2010 http://www.planetarycraterconsortium.nau.edu/
	September 27-29, 2010 Monrovia, California USA	Fourth MSL Landing Site Community Workshop
	September 30 – October 1, 2010 Monrovia, California USA	MEPAG #23
<i>Fourth Quarter, 2010</i>		
	October 4-8, 2010 Sapporo, JAPAN	5th Alfvén Conference: Plasma Interaction with Non-Magnetized Planets/Moons and Its Influence on Planetary Evolution http://www.ep.sci.hokudai.ac.jp/~alfven5/

	October 4-8, 2010 Pasadena, California, USA	42nd Annual Meeting of the DPS http://dps.aas.org/meetings/2010/
	October 31– November 3, 2010 Denver, Colorado, USA	Geological Society of America National Meeting http://www.geosociety.org/meetings/
	November 8-9, 2010 NETHERLANDS	Mars Express Science Working Team Meeting joint with Venus Express Science Team Meeting Contact Oliver Witasse at owitasse@rssd.esa.int
	December 13–17, 2010 San Francisco, California, USA	AGU Fall Meeting www.agu.org/meetings
<i>2011</i>		
	January 25-26, 2011 Washington, DC, USA	4th Meeting of the NASA Small Bodies Assessment Group (SBAG)
	March 2011	Fifth MSL Landing Site Community Workshop
	August 2011 Greenwich England, UNITED KINGDOM	74th Annual Meeting of the Meteoritical Society Contact: Gretchen Benedix http://www.meteoriticalsociety.org/simple_template.cfm?code=news_meetings
	October 2-7, 2011 Nantes, FRANCE	43rd Annual Meeting of the DPS & 2011 European Planetary Science Congress Contact Olivier Grasset at Olivier.Grasset@univ-nantes.fr http://www.aas.org/dps/meetings.html
	October 9–12, 2011 Minneapolis, Minnesota, USA	Geological Society of America National Meeting http://www.geosociety.org/meetings/
	December 12–16, 2011 San Francisco, California, USA	AGU Fall Meeting www.agu.org/meetings
<i>2012</i>		
	August 2012 Cairns, Queensland AUSTRALIA	75th Annual Meeting of the Meteoritical Society Contact: Trevor Ireland http://www.meteoriticalsociety.org/simple_template.cfm?code=news_meetings
	August 2012 Brisbane, AUSTRALIA	The 34th International Geological Congress http://www.33igc.org/
<i>2013</i>		
	July 2013 Pasadena, California, USA	8th International Conference on Mars California Institute of Technology

Special holidays to consider when scheduling conferences/workshops/ meetings:

Good Friday	4/2/2010	4/22/2011	4/6/2012	3/29/2013	4/18/2014
Rosh Hashanah	9/9/2010	9/29/2011	9/17/2012	9/5/2013	9/25/2014
Yom Kippur	9/18/2010	10/8/2011	9/26/2012	9/14/2013	10/4/2014
(Note that Jewish holidays start at sundown the previous evening).					
Thanksgiving Day, U.S.	11/25/2010	11/24/2011	11/22/2012	11/28/2013	11/27/2014
Thanksgiving Day, Canada	10/11/2010	10/10/2011	10/8/2012	10/14/2013	10/13/2014

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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>.