

**2<sup>nd</sup> Information Circular**  
**35<sup>th</sup> MEPAG Meeting**  
**September 25<sup>th</sup>, 2017**  
*Topical Virtual Meeting*

Members of the Mars community,

I cordially invite you to participate in the 35<sup>th</sup> meeting of the Mars Exploration Program Analysis Group (MEPAG), scheduled as a virtual meeting on Monday, September 25<sup>th</sup>, 2017, 10:00am-1:00pm PDT. The final agenda is listed on the next page, as well as connection information; this information is also posted to the MEPAG meeting webpage.

The main topic at this meeting will be low-cost, “opportunistic” mission concepts, as such missions may provide a new way of advancing Mars science through observations within the Mars system. This meeting will inform the Mars community about recent work in this area through reports on the mission concepts selected for study under NASA’s Planetary Science Deep Space SmallSat Studies (PSDS3) program (<https://www.nasa.gov/feature/nasa-selects-cubesat-smallsat-mission-concept-studies>). We will hear from the 5 teams selected with Mars System proposals:

- PRISM: Phobos Regolith Ion Sample Mission, PI Michael Collier, NASA Goddard Space Flight Center
- Chariot to the Moons of Mars, PI David Minton, Purdue University (presented by Co-I Briony Horgan, Purdue University)
- Aeolus – to study the thermal and wind environment of Mars, PI Anthony Colaprete, NASA Ames Research Center
- MISEN: Mars Ion and Sputtering Escape Network, PI Robert Lillis, University of California Berkeley
- MAT: Mars Aerosol Tracker, PI Luca Montabone, Space Science Institute

In addition, recent, ongoing, and potential near-term future MEPAG activities will be discussed. There will also be a presentation from the Mars Exploration Program Director Jim Watzin on the status of discussions about future Mars mission architecture, based on the August 28, 2017 presentation given by NASA SMD Associate Administrator Thomas Zurbuchen to the NASEM-convened Committee reviewing progress towards implementation of the 2013-2022 Planetary Science Decadal Survey ([http://sites.nationalacademies.org/cs/groups/ssbsite/documents/webpage/ssb\\_181241.pdf](http://sites.nationalacademies.org/cs/groups/ssbsite/documents/webpage/ssb_181241.pdf)).

The meeting is open to all members of the Mars science community including our international colleagues. I look forward to your participation.

Sincerely,

Dr. Jeffrey R. Johnson  
MEPAG Chair

*If you have a suggestion for the agenda or a question about the meeting, please email [mepagmeetingqs@jpl.nasa.gov](mailto:mepagmeetingqs@jpl.nasa.gov).*

**MEPAG virtual topical meeting: September 25, 2017**

**Mars system small satellite mission concepts**

**Electronic meeting (*WebEx*):10:00am-1:00pm PDT**

**Final Agenda (as of September 19, 2017)**

Times shown are PDT, all presenters should include time for discussion

<b>Start</b>	<b>Duration</b>	<b>Title/topic</b>	<b>Presenter</b>
10:00	0:15	Past and ongoing Mars community/MEPAG activities within this topic; including a report from the Low-Cost Planetary Missions Conference ( <a href="http://www.lcpm12.org/">http://www.lcpm12.org/</a> )	J. Johnson, MEPAG Chair
10:15	0:35	Presentation from NASA HQ on future Mars architecture	J. Watzin, NASA HQ
<b>NASA's Planetary Science Deep Space SmallSat Studies (PSDS3) program selectees</b>			
10:50	0:20	PRISM: Phobos Regolith Ion Sample Mission	M. Collier, PI
11:10	0:20	Chariot to the Moons of Mars	B. Horgan, Co-I
11:30	0:20	Aeolus – to study the thermal and wind environment of Mars	A. Colaprete, PI
11:50	0:20	MISEN: Mars Ion and Sputtering Escape Network	R. Lillis, PI
12:10	0:20	MAT: Mars Aerosol Tracker	L. Montabone, PI
12:30	0:20	Discussion	
12:50	0:10	Wrap-up	J. Johnson, R. Zurek, D. Beaty
13:00	--	Adjourn	

**WebEx Directions for the MEPAG Meeting**

**Date: Monday, September 25, 2017**

**Time: 10:00 AM-1:00 PM, Pacific Daylight Time (PDT)/5:00 PM-8:00PM (UTC)**

- 1) Go to <https://jpl.webex.com> .
- 2) Enter the meeting #: **904 404 797**.
- 3) Enter your name and select **Join**.
- 4) Choose your audio connection. You can receive a call on your phone, you can call in (see 5, below), or you can use your computer to connect to the meeting audio. If your site supports it, you can also connect to audio and video using a video conferencing system, or you can receive a call from the meeting to your video conferencing system.
- 5) Separate from the web connection, the meeting can instead be joined by phone by calling (510) 210-8882 (US Toll) or 844-JPL-WEBX (844-575-9329; US Toll Free) and entering the meeting number. Global call-in numbers can be found at <https://jpl.webex.com/jpl/globalcallin.php?serviceType=MC&ED=2359507&tollFree=0>.
- 6) When you call in, please mute your phone.

Please note that **comments and questions from the community can only be collected via the chat window** and (time-permitting) conveyed to the presenters following their presentation and during discussion periods.

If you need additional information or assistance with this meeting, please contact [mepagmeetingqs@jpl.nasa.gov](mailto:mepagmeetingqs@jpl.nasa.gov). If you have updates to the master MEPAG e-mail list (including correction of email address or addition of Mars colleagues) please email [mepag-signup@jpl.nasa.gov](mailto:mepag-signup@jpl.nasa.gov).