

Mars Exploration Program Analysis Group (MEPAG)

Sol 2079

Sol 2080

Sol 2082

Sol 2083

Sol 2084

Sol 2085

Welcome to
MEPAG Virtual Meeting (VM) #2

NASA/JPL-Caltech/MSSS/Thomas Appéré

Jeffrey R. Johnson, MEPAG Chair
June 25, 2018

Curiosity's Mastcam View of the June 2018 Dust Storm
(T. Appéré)

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Introduction

- Topics for today's virtual meeting (VM #2):
 - 1) MEPAG Updates
 - 2) NASA Mars Exploration Program (MEP) Updates
 - 3) Mars Sample Return (MSR):
 - Context of recent 2nd International Mars Sample Return Conference (Berlin)
 - Report from International MSR Objectives and Samples Team (iMOST)
 - 4) MEPAG Goals Document update (polar science)
 - 5) Science Analysis Group (SAG) plans, discussion
 - Amazonian Climate Workshop discussion summary
 - Options for next SAGs, particularly in preparation for next Decadal Survey

2nd int. mars sample return conference
25 - 27 April 2018 | Berlin | Germany

Agenda

MEPAG Virtual Meeting #2 (VM2): Monday, June 25, 2018			
<i>Electronic meeting (JPL WebEx): 2:00 pm-4:00 pm EST</i>			
<i>Agenda (as of June 12)</i>			
Times shown are EDT, all presenters should include time for discussion			
<u>Start</u>	<u>Duration</u>	<u>Title/topic</u>	<u>Presenter</u>
14:00	0:15	Welcome/outline meeting agenda	J. Johnson (MEPAG Chair, APL)
14:15	0:15	NASA HQ updates	M. Meyer (NASA HQ)
14:30	0:10	MSR context and Berlin workshop	M. Meyer, S. Vijendran (ESA)
14:40	0:25	iMOST work and report	D. Beaty (MPO), M. Grady (Open U)
15:05	0:10	MSR Q&A	--
15:15	0:10	MEPAG Goals Revised draft and plan	D. Banfield (MEPAG Goals Chair, Cornell U)
15:25	0:10	Mars Workshop on Amazonian and Present-day Climate report	S. Diniega (JPL)
15:35	0:20	MEPAG forward planning, including potential Science Analysis Group(s), & Discussion	J. Johnson, R. Zurek (MPO)
15:55	0:05	Wrap-up	J. Johnson
16:00		Adjourn	

- Please mute your phone
- Use chat box on WebEx; moderators will track questions
- Feedback/questions during and after meeting? → MEPAGmeetingqs@jpl.nasa.gov 3

MEPAG Activities since 4/5/17 meeting #36

- MEPAG #36 meeting
 - Approximately 135 individuals attended on site during the three days, with nearly 100 unique online daily participants
 - Summary of meeting posted: https://mepag.jpl.nasa.gov/meeting/2018-04/MEPAG36_Summary_final.pdf
 - Summary and Findings sent via letter to Planetary Science Advisory Committee Chair A. Verbiscer (4/30/17)
 - Cc'd to J. Green, L. Glaze, J. Watzin, M. Meyer
 - https://mepag.jpl.nasa.gov/meeting/2018-04/MEPAG_36_Summary_Letter_v04.pdf
- Goals Committee work revisiting mapping of polar science questions to MEPAG goals
 - D. Banfield (Goals Chair) and Goals Committee working with polar science community
 - Recommended changes to Goals Document ready for community inputs
- Science Analysis Group (SAG) planning
 - Ongoing prioritization of potential studies and sequential relationships
 - Topic of discussion in today's virtual meeting

MEPAG Upcoming Activities

- Planetary Science Advisory Committee (PAC): July 2
 - Presentations from “AG” Chairs not requested this time
- COSPAR meeting:
 - July 17: MEPAG abstract/presentation on “Forward planning for Mars scientific exploration”
 - <https://www.cospar-assembly.org/user/download.php?id=24184&type=abstract§ion=congressbrowser>
 - July 17: Participate in panel on “International Coordination of Space Exploration Activities”
 - Conveners: Prof. Pascale Ehrenfreund, Dr. Chris McKay
 - Cf. Mars International Collaboration Science Analysis Group report (MIC-SAG) from March 2017 (Chairs: B. Jakosky, R. Zurek)
 - » https://mepag.jpl.nasa.gov/reports/MICSAG_slides_v16_FINAL.pdf
 - Comment on the joint NASA-ESA statement regarding Mars Sample Return

Next MEPAG Meetings

- Virtual Meeting #3 (late summer/early fall)
- Potential agenda items
 - Mid-term Decadal review committee report
 - Report from meetings:
 - COSPAR, other workshops
 - Planetary Protection Policy NAS study
 - Updates from DSN on Mars 2021 traffic jam
 - Update on discussions with international partners
 - Updates on budgets (e.g., Congressional action)

POTENTIAL Decadal Survey Preparation Timeline

