## Mars Exploration Program Analysis Group (MEPAG)

chartered by NASA HQ to assist in planning the scientific exploration of Mars





## Developments in Mars Exploration Since July 2009 MEPAG Meeting



- Mars Science Laboratory (MSL) continues development and is retiring risk
- Mars Atmosphere and Volatile Evolution Mission (MAVEN) is beginning development as the 2013 Scout mission (B. Jakosky PI)
- ESA and NASA have been involved in detailed discussions of a future program together and a joint call for Investigations for the 2016 ExoMars Orbiter was released (Due April 15)
- The Decadal Survey is making progress, last meeting of the Mars Panel is April
- New Presidents budget is a change in direction for NASA



## Goals for this Meeting



- Update the community on progress in the exploration of Mars including NASA, European Space Agency
- Evaluate and provide input to ongoing activities and SAGs
  - 2 Rover International SAG
  - Goal I and IV updates
  - Trace Gas Orbiter (Joint between NASA-ESA)
- Initiate activities from MEPAG to develop positions and inputs to future MEP activities





Agenda for MEPAG meeting of March 17 & 18, 2010 in Monrovia, CA					
<u>Start</u>	<u>Time</u>	Agenda Item			
Note: Unless otherwise indicated, all time speakers should assume that 30-50% of their time allocation is for discussion.					
Day 1 – Wednesday March 17, 2010					
08:30 AM	00:15	Welcome; MEPAG Purpose, Scope, Expected Results	J. Mustard		
08:45 AM	00:45	Mars Program Director's Comments	D. McCuistion		
09:30 AM	00:45	ESA's Mars Exploration Activities	M. Coradini		
10:15 AM	00:15	Break			
10:30 AM	00:30	Mars Program Status	F. Li		
11:00 AM	00:45	Mars Program Lead Scientist's Comments	M. Meyer		
11:45 AM	00:15	Decadal Survey Mars Panel	P. Christensen		
12:00 PM	01:30	Lunch			
01:30 PM		Reports on Mission Planning Activity			
01:30 PM	00:45	Mars Sample Return (three element architecture)	F. Li		
02:15 PM	00:30	2018 Mission (MAX-C, ExoMars, etc.)	C. Salvo/A. Elfving		
02:45 PM	00:15	Break			
03:00 PM	01:15	2 Rover International SAG (2R-iSAG)	F. Westall/J. Grant		
04:15 PM	00:45	Day 1 discussion and wrap-up	J. Mustard		
05:00 PM		Adjourn			



## **MEPAG Agenda, Day 2**



Day 2 – Thursday March 18, 2010					
08:30 AM	00:15	Recap of yesterday and goals for today	J. Mustard		
08:45 AM	00:30	Mars Network SAG	B. Banerdt, T. Spohn		
09:15 AM		MEPAG Goals Update			
09:15 AM	00:20	MEPAG Goals summary	J. Johnson		
09:35 AM	00:15	Break			
09:50 AM	00:45	MEPAG Goals I update	T. Hoehler/F. Westall		
10:35 AM	01:00	MEPAG Goals IV update	D. Lim/A. Tripathi		
11:35 AM	01:30	Lunch			
01:05 PM		Workshop reports			
01:05 PM	00:20	Geological Mapping of Mars	K. Tanaka/G. Ori		
01:25 PM	00:20	Workshop on Methane on Mars	J. Vago		
01:45 PM	00:45	Landing site update	M. Golombek/J.		
02:30 PM	00:30	Discussion/Future Planning for MEPAG Activities	J. Mustard		
03:00 PM		Adjourn			