

**Denotes speaker*

Monday, April 21, 2008
ENABLING SAMPLE RETURN: PRIORITIES, MISSIONS, AND STRATEGIES
8:00 a.m. Alvarado ABC

Chairs: D. W. Ming
A. H. Treiman

Welcome and Introduction

Des Marais D.* MEPAG ND-SAG Team (15 minutes)
Possible Science Priorities for Mars Sample Return [#4037]

Murchie S.* McEwen A. Christensen P. Mustard J. Bibring J.-P. [INVITED] (20 minutes)
Discovery of Diverse Martian Aqueous Deposits from Orbital Remote Sensing [#4035]

Bibring J.-P.* [INVITED] (20 minutes)
OMEGA/Mars Express Feed Forward to MSR [#4061]

Ming D. W.* [INVITED] (20 minutes)
2003 Mars Exploration Rover Mission: Robotic Field Geologists for a Mars Sample Return Mission [#4047]

Crisp J. A.* Grotzinger J. P. Vasavada A. R. Karcz J. S. MSL Science Team [INVITED] (20 minutes)
Mars Science Laboratory: Science Overview [#4016]

Karcz J. S.* Beaty D. W. Conley C. A. Crisp J. A. Des Marais D. J. Grotzinger J. P. Lemke L. G.
McKay C. P. Squyres S. W. Stoker C. R. Treiman A. H. (15 minutes)
Science Definition of the Mars Science Laboratory Sample Cache [#4058]

Shearer C. K.* Borg L. E. Treiman A. King P. (15 minutes)
If We Already have Samples from Mars, Why Do We Need Sample Return Missions? The importance of Martian Meteorites and the Value of Mars Sample Return [#4004]

Neal C. R.* (15 minutes)
Mars Sample Return: Which Samples and Why [#4026]

Jones J. H.* (15 minutes)
Mars Sample Return: 20+ Years After the First Mars Sample Return Workshop [#4002]

Hausrath E. M.* Navarre-Sitchler A. K. Moore J. Sak P. B. Brantley S. L. Golden D. C. Sutter B.
Schröder C. Socki R. Morris R. V. Ming D. W. (15 minutes)
Mars Sample Return: The Value of Depth Profiles [#4039]