

**Robotic and Human Exploration of Mars
Strategic Roadmapping Committee Meeting**

January 4–6, 2005

Caltech

Spitzer Science Center, room 410

Draft Agenda

Tuesday, January 4

- 9:00 Meeting opening
- Convene meeting
 - Introduction of committee members
 - Strategic roadmapping process
 - Objective/charter/expectations
- Marc Allen
Roadmap Chairs
- 10:30 Introduction Firouz Naderi
- 11:30 *Session 1: Robotic Mars Exploration Program Science Goals & Objectives*
- Science program formulation Jim Garvin
 - Science program implementation strategy Dan McCleese
- 12:45 p.m. Working Lunch: Ethics and FACA briefing Andrew Falcon/ Diane Rausch
- 1:40 *Session 2: Engaging the Mars Science Community*
- Scientific support and investigation objectives Bruce Jakosky
- 2:00 *Session 3: Advances in Our Understanding of Mars*
- New understanding from recent missions Steve Squyres
 - Search for life Dave Des Marais
- 3:10 Committee discussion

Wednesday, January 5

- 8:00 *Session 4: Mars Exploration Program*
- Programmatic summary Doug McCuiston
- 9:00 *Session 5: Focused Discussions: Missions in Definition*
- Mars Science Laboratory Mike Meyer/Pete Theisinger
 - Mars Sample Return Laurie Leshin/Mark Adler
 - Astrobiology Field Laboratory Andrew Steele
 - Mars Telecomm Orbiter Chad Edwards/Roger Gibbs
- 1:00 *Session 6: Human Exploration Mission Architecture and Technologies*
- Human mission studies John Connolly/Kent Joosten
 - Summaries

- Architectural drivers
- Required technologies

3:30 *Session 7: Human Precursor Missions*
• Contributions current robotic missions
can make to human missions

Jennifer Trospen/
Frank Jordan

4:30 Committee Discussion

Thursday, January 6

8:00 Discussion of white papers

10:00 February meeting plans

11:00 Committee discussion

12:00 p.m. Adjourn