

**Workshop on Architecture Issues Associated with Sampling:
Joint Human-Robotic Missions
June 25–26, 2007
(June 27: Tour of JSC Curatorial Facilities)**

**Lunar and Planetary Institute
Center for Advanced Space Studies
3600 Bay Area Boulevard, Houston, TX 77058**

FINAL AGENDA

Telecon and WebEx support will be available for all plenary presentations and discussions for the entire meeting. All remote participants must register to receive a WebEx and Telecon invitation via e-mail.

Monday, June 25, 2007

8:00	Registration and Continental Breakfast	
8:15	Welcome, Introduction, Logistics	Steve Mackwell, host
8:20	Panel	
	Welcome and Workshop Overview	Geoffrey Yoder
	Lunar Exploration Analysis Group (LEAG) and Its Specific Action Teams	Clive Neal
	Curation and Analysis Planning Team For Extraterrestrial Materials (CAPTEM)	Chip Shearer
	MAWG Overview (special focus on MEPAG HEM-SAG) — esp. current scenarios	Jennifer Heldmann
9:10	LAT Overview — esp. description of current options, basic architecture elements	Andy Thomas
9:30	Constellation Overview — esp. current plans for surface systems	Wendell Mendell
9:50	Moon and Mars — Physical Challenges, Similarities and Differences	Abhi Tripathi
10:10	What we Learn from Rocks and Regolith	Carl Allen

10:30	In Situ Analysis and Sample Return: Complementary Components of Scientific Exploration	Chip Shearer
10:50	Apollo Sample Acquisition and Handling on the Lunar Surface — tools, ops	Harrison Schmitt/John Young
11:10	Science Backroom and Communications During Apollo	Gordon Swann/Gene Krantz/Jim Papike
11:30	Sample Handling, Preserving Scientific Integrity, Curation	Gary Lofgren
11:50	Advances in Field Robotics — Robonaut, Centaur, etc.	Ron Diftler (for Rob Ambrose)
12:10	Advances in EVA and Habitation Systems — FRED	Michael Gernhardt
12:30	Lunch on Site and Presentation on Advances in Navigation/Documentation	Terry Fong
13:10	Goals of Workshop, Desired Output, Description of Working Group Questions and Assignments, Grand Visions of Usefulness and Relevance (GVUR)	Kelly Snook
13:55	Break into Groups (by assignment)	
14:00	Working Groups — moderated, split by exploration scenario, same questions	(see list of moderators under group reports on Tuesday)
18:00	Adjourn	

Tuesday, June 26, 2007

8:00	Registration and Continental Breakfast	
8:30	Working Groups (continued)	Working Group Moderators

11:00	End Working Group Breakouts — Reconvene in Lecture Hall	
	Points of Flexibility in Lunar and Mars Architectures	Doug Cooke
12:30	Lunch on Site	
13:00	Breakout Group Reports and Discussion	Chris McKay Wendell Mendell Jennifer Heldmann Eileen Stansbery Pan Conrad Abhi Tripathi Clive Neal Jay Falker
14:30	Break	
14:45	Current State of Science in Lunar and Mars Architectures	Leshin/Mendell
15:00	Real-Time Results Synthesis and Future Steps	Snook/Yoder/Neal/Shearer
16:00	Apollo and Other Sample Mission Veterans Panel, Part Deux	
17:00	Adjourn	