

**WORKSHOP ON  
ROBOTS SUPPORTING HUMAN SCIENCE AND EXPLORATION**

~ AGENDA ~

**WEDNESDAY, AUGUST 5, 2009 —**

<b>Context</b>	8:00 a.m.	Jennifer Heldmann <i>NASA Headquarters</i>	OSEWG Overview
	8:15 a.m.	Matthew Deans <i>NASA Headquarters</i>	Purpose of the Workshop
	8:30 a.m.	Chip Shearer <i>University of New Mexico</i>	LEAG Overview, Lunar Exploration Roadmap, and Science Priorities
	8:50 a.m.	Jeff Plescica <i>Johns Hopkins University, Applied Research Laboratory</i>	Outstanding Questions of Lunar Science
	9:10 a.m.	Gary Lofgren <i>NASA Johnson Space Center</i>	Experience from Apollo and Challenges to Geology
	9:30 a.m.	Jim Head <i>Brown University</i>	Human-Robotic Partnerships in Apollo and Lessons for the Future
	9:50 a.m.	BREAK	
<b>Looking Forward</b>	10:00 a.m.	Jacob Bleacher <i>NASA Goddard Space Flight Center</i>	OSEWG Support Task Science Scenarios
	10:20 a.m.	Dean Eppler <i>SAIC</i>	Integrating Robotics with Field Geology
	10:40 a.m.	Ruthan Lewis <i>NASA Goddard Space Flight Center</i>	Field Geology from an Engineer's Perspective
	11:00 a.m.	Chris Culbert <i>NASA Johnson Space Center</i>	Lunar Architecture: Scenario Options
	11:20 a.m.	Chel Stromgren <i>SAIC</i>	Crew Time Analysis
<b>Planetary Robotics</b>	11:40 a.m.	Rob Ambrose <i>NASA Johnson Space Center</i>	ETDP-12 Human-Robotic Systems
	<b>12:00–1:00 p.m.</b>	<b>CATERED LUNCH (\$11.00 per person)</b>	
	1:00 p.m.	Brian Wilcox <i>Jet Propulsion Laboratory</i>	Robotics Mission Experience from Mars
	1:20 p.m.	David Akin <i>University of Maryland</i>	SARTC Overview of Space Robotics
	1:40 p.m.	David Wettergreen <i>Carnegie Mellon University</i>	Exploration Robotics
	2:00 p.m.	Matthew Dean <i>NASA Headquarters</i>	Overview of the Breakout Sessions
<b>Breakouts</b>	2:30– 6:00 p.m.	BREAKOUT DISCUSSIONS	

**THURSDAY, AUGUST 6, 2009 —**

<b>Breakouts</b>	8:00 a.m.–12:00 p.m.	BREAKOUT DISCUSSIONS CONTINUED	
	<b>12:00–1:00 p.m.</b>	<b>CATERED LUNCH (\$11.00 per person)</b>	
<b>Discussion</b>	1:00 p.m.	Reports from Breakout Groups	
	5:00 p.m.	Wrap-Up (suggestions, feedback, and conclusion)	