



## **A Few Summer Highlights (2009)**

### *Special Activities*

Tour the Lunar Curatorial Facility (JSC)

Meet with the Chief Scientist for Constellation Systems, Dr. Wendell Mendell,  
and Astronaut Dr. Don Pettit (JSC)

Observe the Kaguya Spacecraft's Collision with the Lunar Surface (LPI)

Examine Impact Breccias and Volcanic Lithologies (LPI)

View Historical Tunguska Movie (on June 30 anniversary of the 1908 impact  
event in Siberia) (LPI)

Attend Seminar about Meteor Crater and Tunguska Impact Events (LPI)

Attend Launch Party for the Lunar Reconnaissance Orbiter (LPI)

(Attend Optional Activities in the JSC-LPI Area that Celebrate the 40<sup>th</sup>  
Anniversary of the Apollo 11 Mission)

Examine Apollo Samples of the Moon in Thin-section (LPI)

Attend a Meeting of the U.S. Human Space Flight Plans Committee (Houston)

Observe the Lunar Electric Rover in its Test Phase (JSC)

Review Kaguya Spacecraft Flyovers of the Lunar Surface as Captured by HDTV  
(LPI)

Attend Workshop on Robots Supporting Human Science and Exploration (LPI)

*Lunar Briefings and Seminars*

The Volatile Contents and D/H Ratios of the Apollo 15 Lunar Volcanic Glasses  
(Albert Saal – Brown University)

Lunar Impact Bombardment  
(David Kring - LPI)

Summary of the 50 to 100 Sites Being Targeted by LRO for the Constellation  
Program  
(John Gruener – JSC)

Gravity Observations of the Aristarchus Plateau: Implications for Volcanic and  
Impact Histories (Walter Kiefer - LPI)

Exploring the Lunar Poles  
(Paul Spudis - LPI)

From Pristine Compositions to Petrogenetic Models of the Lunar Maria: An  
Approach Integrating Sample Geochemistry and Remote Sensing Data  
(Georgiana Kramer– Bear Flight Center)

Hydrocode Modeling of the Formation of the South Pole-Aitken Basin  
(Ross Potter – Imperial College London)

Lunar Mission Simulations at Black Point Lava Flow  
(David Kring - LPI)

Lunar Exploration  
(Carl Allen - JSC)

Making the Moon: Perspectives from W and Nd Isotopes  
(Al Brandon - JSC)

Combining Sample and Remote Sensing Data: An Integrated Approach to Lunar  
Science (Justin Haggerty – USGS)

Emplacement of lava flows on Earth, the Moon, and Mars  
(Brent Garry – Smithsonian Institution)

NASA's Plans for Potential Traverses on the Lunar Surface in the Next Era  
(John Gruener – JSC)