

**Science-Related Briefings Received by the Review of U.S. Human Space Flight Plans
Committee (as of July 27, 2009)**

Science on the Moon

Lunar resources that could enable human presence--Carle Pieters, Brown University

Lunar studies with astronauts and/or robots--Clive Neal, Notre Dame, LEAG chair

Astronomy, solar and space physics, and Earth science from the Moon --Jim Spann, MSFC

The Moon as a planetary protection testbed for Mars exploration--Cassie Conley, NASA HQ

Science at space Destinations

Astronomy from Lagrange points or elsewhere, including comparison with lunar opportunities and implications of architecture choices--Dan Lester, U Texas

Robotic and astronaut maintenance and upgrades--Harley Thronson, GSFC

Science at NEOs

Astronaut and/or robotic science at NEOs--Mark Sykes, Planetary Science Institute, SBAG chair

Possible missions to NEOs--Tom Jones, NAC member

Science at Mars

Human and/or robotic science on Mars--Jack Mustard, Brown University, MEPAG chair

Overall Science Topics

Planetary Society "Beyond the Moon – A New Roadmap for Human Space Exploration in the 21st Century"--Dr. Louis Friedman

International Space Station Science and Utilization

ISS Science and Utilization topics were part of several briefings the committee has received.

Planned on August 5, 2009

Astronomy and Astrophysics Presentation

Earth Sciences Presentation

Biological and Physical Sciences Presentation

Planetary Science Presentation