

Lunar Regolith Simulant Materials

The Marshall Space Flight Center, in collaboration with the Johnson Space Center, will host and conduct a Workshop on Lunar Regolith Simulant Materials on January 24-26, 2005 at the Marshall Institute in Huntsville, AL. The goal of this NASA-sponsored workshop is to establish requirements for the production and distribution of terrestrial analogs of lunar regoliths, which will become the accepted source material standards for research and development efforts on Space Resources Utilization technologies. The current lack of available and commonly accepted simulant materials hampers research progress and often renders trade studies and performance comparisons of technologies inconclusive.

We seek the participation of individuals with a strong interest in the subject who possess scientific expertise in the areas of experimental petrology, planetary geology, lunar geology, remote sensing, extractive metallurgy, mineralogy, excavation and mining, materials processing, and rock/mineral simulant development, and radiation shielding and effects. No registration fee is required. Electronic registration and two-page abstracts for poster presentations will be accepted via a website (to be announced).

Interested individuals must send an email to Laurent.Sibille@msfc.nasa.gov to receive further information.



A preliminary agenda for the workshop follows:

DAY 1

Invited Speaker Presentations

DAY 2

Working Group Requirements

Discussions

DAY 3

Document Conclusions
& Requirement

Recommendations

January 24-26, 2005

Marshall Space Flight Center, Huntsville, AL

WORKSHOP