

Wednesday, June 15, 2011
EXPLORATION AND UTILIZATION OF LUNAR VOLATILES
8:30 a.m. Lecture Hall

Chairs: Charles Shearer
Greg Schmidt

- 8:30 a.m. Lofgren G. E. * [INVITED TALK]
[*Special, Unopened Lunar Samples: Another Way to Study Lunar Volatiles*](#) [#6041]
- 8:55 a.m. Shearer C. K. * Neal C. R.
[*A Consortium to Study "Special" Lunar Samples. Exploring Volatile Reservoirs on the Moon Now and Preparing for Future Lunar Exploration*](#) [#6021]
- 9:10 a.m. Calaway M. J. * Allen C. C.
[*Cold and Cryogenic Curation of Lunar Volatile Samples Returned to Earth*](#) [#6004]
- 9:25 a.m. Litvak M. L. * Mitrofanov I. G. Sanin A. B. Boynton W. V. Chin G. Garvin J. B. Golovin D. V. Evans L. G. Harshman K. Kozyrev A. S. Malakhov A. V. McClanahan T. Milikh G. Mokrousov M. I. Sagdeev R. Z. Shevchenko V. V. Shvetsov V. N. Smith D. E. Starr R. Tretyakov V. I. Trombka J. Varenikov A. B. Vostrukhin A. A. Zuber M. T.
[*Properties of Moon PSRs from LEND/LRO Data*](#) [#6044]
- 9:40 a.m. Plescia J. B. * [INVITED TALK]
[*Lunar Robotic Exploration Objectives in the Next Decade*](#) [#6019]
- 10:05 a.m. Quinn J. W. * Larson W. E. Sanders G. B. Baird R. S. Colaprete A. Picard M.
[*RESOLVE — A Payload to Groundtruth the Presence of Volatiles on the Moon*](#) [#6023]
- 10:20 a.m. Gibson E. K. * Pillinger C. T. McKay D. S. Waugh L. J.
[*Volatile Analyzer for Lunar Polar Missions*](#) [#6031]
- 10:35 a.m. Sanders G. B. * Larson W. E. [INVITED TALK]
[*The Impact of Lunar Polar Volatiles on In-Situ Resource Utilization*](#) [#6060]
- 11:00 a.m. Harris R. S. * Schultz P. H.
[*The Potential of Impact Melts as a Lunar Water Reservoir*](#) [#6042]