

Thursday, October 30, 2008
BACK ON THE MOON
1:30 p.m. Salon I

How can future lunar surface activities be optimized?

Chair: G. J. Taylor

- 1:30 p.m. Hufenbach B. * Mongrard O. Carey W.
[European Lunar Landing System](#) [#4024]
- 1:50 p.m. Lupisella M. Eppler D. Arnold L. Landis R. Gates M. Hovland S. Foing B. Olds J.
DePasquale D. Lewis R. Hyatt M. Conley C. Mandl D. Talabac S. McNamara K.
Perino M. A. Alkalai L. Morrow C. Burke J.
[Addressing International Lunar Surface Operations](#) [#4065]
- 2:10 p.m. Eppler D. B. *
[Geologic Preparation for Exploring the Moon and Planets: Using the Past as a Key to the Present](#) [#4082]
- 2:30 p.m. Carey W. * Hufenbach B. Mongrard O. Haese M.
[Lunar Surface Explorations Scenarios](#) [#4022]
- 2:50 p.m. Osinski G. R. * Barfoot T. Ghafoor N. Jasiobedzki P. Tripp J. Richards R. Haltigin T.
Banerjee N. Izawa M. Auclair S.
[Optimizing Lunar Surface Activities: LiDAR and mSM as Scientific Tools?](#) [#4061]
- 3:10 p.m. Crawford I. A. * Fagents S. A. Joy K. H.
[Exploring the Basaltic Lava Flows of Oceanus Procellarum: Requirements for an Exploration Architecture that Optimises Scientific Return from Geological Field Activities](#) [#4006]
- 3:30 p.m. Taylor G. J. * Blake D. Gillis-Davis J. Chipera S. J. Bish D. Hammer J. Lucey P.
Vaniman D. T. Sarrizin P.
[X-Ray Diffraction in the Field and Lab on the Moon](#) [#4025]
- 3:50 p.m. Prabhakaran V. S. *
[Automated Multi-Conditional Exploration Rover Series \(AMCERS\) — Low Cost Lunar Exploration](#) [#4036]
- 4:10 p.m. Boulware J. C. * Angomas F.
[Lunar Concrete as a Means of Reducing the Dust Hazard](#) [#4060]
- 4:30 p.m. Christoffersen R. * Lindsay J. F. Noble S. K. Lawrence J. A.
[Lunar Dust Effects on Spacesuit Systems: Insights from the Apollo Spacesuits](#) [#4090]
- 4:50 p.m. Croukamp L. *
[A Proposed Geotechnical GIS For Lunar Exploration](#) [#4069]