

Thursday, October 30, 2008
PRECURSOR MISSIONS I
8:30 a.m. Salon I

*What are the needs/advantages of robotic missions for advancing lunar science/benefiting human exploration?
 What technology developments in robotic exploration are being conducted by various countries/agencies?*

Chair: J. B. Plescia

- 8:30 a.m. Plescia J. B. *
[*Robotic Exploration of the Moon: Prelude to Human Settlement and ISRU Exploitation*](#) [#4043]
- 8:50 a.m. Fong T. * Deans M. Lee P. Heldmann J. Kring D. Heggy E. Landis R.
[*Improving Lunar Surface Science with Robotic Recon*](#) [#4049]
- 9:10 a.m. Cohen B. A. * ILN Science Definition Team MSFC/APL ILN Engineering Team
[*The International Lunar Network*](#) [#4117]
- 9:30 a.m. Mimoun D. * Lognonne P. Gagnepain-Beyneix J. Giardini D. Nebut T. Tillier S.
 Gabsi T. Garcia R.
[*Seismic Measurements on the Moon: Objectives and Network Architectures*](#) [#4083]
- 9:50 a.m. Crawford I. A. * Smith A. Gowen R. A.
 MoonLITE Science Working Group UK Penetrator Consortium
[*MoonLITE: A Cost Effective Proposal for Advancing Multiple Objectives in Lunar Science and Exploration*](#) [#4007]
- 10:10 a.m. Gowen R. A. Smith A. *
[*Progress of the MoonLITE Penetrators*](#) [#4013]
- 10:30 a.m. Carpenter J. D. * Houdou B. Koschny D. Crawford I. Falcke H. Kempf S.
 Lognonne P. Ricci C. Pradier A.
[*The MoonNEXT Mission: A European Lander at the Lunar South Pole*](#) [#4037]
- 10:50 a.m. Visentin G. * Foing B. Walker R. Galvez A.
[*ESA's Lunar Robotics Challenge*](#) [#4112]
- 11:10 a.m. Alkalai L. * Elliott J.
[*Lunette: A Global Network of Small Lunar Landers*](#) [#4103]
- 11:30 a.m. Gurvits L. I. * Falcke H.
[*Toward Moon-based Very Long-Wavelength Radio Astronomy Facility: Science Drives and Technological Challenges*](#) [#4057]
- 11:50 a.m. Noda H. * Hanada H. Iwata T. Kawano N. Sasaki S. Araki H. Imamura T.
[*Optical and Low Frequency Radio Observatory on the Moon*](#) [#4034]