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]