Session Date	Session time	Session Title	Lead Author Last Name	Lead Author First Name	Paper Title
03/03/08	03:30:00 PM	Cratering and Plume Flows on Granular Media	Haehnel	Robert	A model of crater evolution due to a jet impinging on a
03/03/08	03:30:00 PM	Cratering and Plume Flows on Granular Media	Immer	Christopher	APOLLO VIDEO PHOTOGRAMMETRY ESTIMATION OF PLUME IMPINGEMENT EFFECTS
03/03/08	03:30:00 PM	Cratering and Plume Flows on Granular Media	Lane	John	LAGRANGIAN TRAJECTORY MODELING OF LUNAR DUST PARTICLES
03/03/08	03:30:00 PM	Cratering and Plume Flows on Granular Media	Metzger	Philip	MODIFICATION OF ROBERTS' THEORY FOR ROCKET EXHAUST PLUMES ERODING LUNAR SOIL
03/03/08	01:30:00 PM	Geotechnical Properties and Excavation of Plenatary Regolith	Iai	Masafumi	Evaluation of Some Non-ideal Effects on Excavation of Lunar Regolith
03/03/08	01:30:00 PM	Geotechnical Properties and Excavation of Plenatary Regolith	Yu	Xiong	Soil Modulus for Landing Analyses
03/03/08	01:30:00 PM	Geotechnical Properties and Excavation of Plenatary Regolith	Papon	Aurelie	SOIL PARAMETERS IDENTIFICATION BY INVERSE ANALYSIS OF FIELD TESTS
03/03/08	01:30:00 PM	Geotechnical Properties and Excavation of Plenatary Regolith	Agui	Juan	Experimental measurements of excavation forces in lunar soil test beds using a Surveyor scoop replica
03/03/08	01:30:00 PM	Geotechnical Properties and Excavation of Plenatary Regolith	Frost	David	Multi-Sleeve Penetrometer as Complement to Bevameter for Lunar Terrain Assessment Studies
03/04/08	10:30:00 AM	Granular Flows and Geotechnical Properties II	Liu	Yvonne	Accurate Measurement of Vertical Stress Distribution underneath Sand Columns
03/04/08	10:30:00 AM	Granular Flows and Geotechnical Properties II	Brucks	Antje	Effect of reduced-gravity conditions on the flowability of granular media
03/04/08	10:30:00 AM	Granular Flows and Geotechnical Properties II	Rame	Enrique	Flowability of JSC1-a
03/04/08	10:30:00 AM	Granular Flows and Geotechnical Properties II	Zacny	Kris	Geotechnical Instruments for the Robotic Study of Planetary Regolith
03/04/08	10:30:00 AM	Granular Flows and Geotechnical Properties II	Boles	Walter	Investigation of Granular Segregation in a Horizontal Rotating Tube from an Energy
03/05/08	10:30:00 AM	Lunar Dust	Greenberg	Paul	Particulate Measurement and Sensor Technology
03/05/08	10:30:00 AM	Lunar Dust	Sen	Surajit	Tunable, Reusable Dust Filters
03/05/08	10:30:00 AM	Lunar Dust	Nakagawa	Masami	Modeling of Coagulation of Charged Dust
03/05/08	10:30:00 AM	Lunar Dust	Hogue	Michael	Discrete Element Modeling of Triboelectrically Charged Particles

Session Date	Session time	Session Title	Lead Author Last Name	Lead Author First Name	Paper Title
03/03/08	10:30:00 AM	Lunar and Martian Simulants	Arslan	Haydar	Geotechnical Engineering Properties of Lunar Soil Simulant UNB-A1
03/03/08	10:30:00 AM	Lunar and Martian Simulants	Oravec	Heather	The development of a soil for lunar surface mobility testing in ambient conditions
03/03/08	10:30:00 AM	Lunar and Martian Simulants	Hakariya	Go	Crushability of lunar agglutinate simulant and its numerical modeling
03/03/08	10:30:00 AM	Lunar and Martian Simulants	Kanamori	Hiroshi	Trial Production of Agglutinates by Heat Processing
03/03/08	10:30:00 AM	Lunar and Martian Simulants	Peters	Gregory	A NEW MARTIAN SOIL SIMULANT: MOJAVE MARS SIMULANT
03/04/08	03:30:00 PM	Modeling of Regolith Mechanics	Chang		A constitutive model for lunar soil
03/04/08	03:30:00 PM	Modeling of Regolith Mechanics	Garza-Cruz	Tryana	Modeling of Agglutinates and its mechanical properties
03/04/08	03:30:00 PM	Modeling of Regolith Mechanics	Hopkins	Mark	DISCRETE ELEMENT MODELING OF A ROVER WHEEL IN GRANULAR MATERIAL UNDER THE INFLUENCE OF EARTH, MARS, AND LUNAR GRAVITY
03/04/08	03:30:00 PM	Modeling of Regolith Mechanics	Yokoyama	Takaaki	Estimate of Impact Force at Landing on Surface by SPH method
03/04/08	03:30:00 PM	Modeling of Regolith Mechanics	Jordison	Neville	INVESTIGATION OF THERMAL PROPERTIES OF LUNAR SOILS WITH APPLICATION TO DEVELOPING AN EFFECTIVE HEAT RECOVERY MECHANISM
03/04/08	10:30:00 AM	Particle Properties of Lunar Soil and Dust	Matsushima	Takashi	3D Particle Characteristics of Highland Lunar soil (No. 60501) obtained by Micro X-ray CT
03/04/08	10:30:00 AM	Particle Properties of Lunar Soil and Dust	Yu	Xinbao	The Effects of Magnetic Components on the Cohesion of Lunar Soils
03/04/08	10:30:00 AM	Particle Properties of Lunar Soil and Dust	Cole	David	Laboratory observations of stiffness and friction of normal and sliding contacts.
03/04/08	10:30:00 AM	Particle Properties of Lunar Soil and Dust	Walton	Otis	Ranking Adhesion Forces for Charged Lunar Dust Particles on Conducting Surfaces