

Location	Author	Poster Title				
	<b>Astrophysics / Heliophysics (including Space Weather)</b>					
1	Matt	Benjamin	A Year in Review: Accomplishments of the LUNAR team			
2	Abhirup	Datta	Dark Ages Radio Explorer – Field Tests of a Prototype Instrument			
3	Steven	Furlanetto	Toward a Physical Understanding of the First Galaxies			
4	Geraint	Harker	A flexible, Monte Carlo approach to modelling data from DARE and its ground-based prototype			
5	Dayton	Jones	Inflate-While-Falling Concept for Lunar Low Frequency Antennas			
6	Laura	Kruger	Materials Testing for a Lunar Radio Telescope with the LUNAR Simulant Thermal-Vacuum Chamber			
7	Hamdi	Mani	Deployment of DARE Prototype Instrument to Western Australia			
8	Richard	Miller	The Lunar Occultation Observer and Nuclear Astrophysics from the Moon			
9	Kenneth	Stewart	Field Tests and Numerical Simulations of Lunar Polyimide Film Antennas			
	<b>Dust / Regolith</b>					
10	Juan	Agui	Lunar Excavation Experiments in Simulant Soil Test Beds—Revisiting the Surveyor Geotechnical Data			
11	Michael	Collier	The Lunar Dust Pendulum			
12	Adrienne	Dove	Experimental investigations of the lunar near-surface photoelectron plasma environment			
13	Michelle	Egeolu	Comparison of COUPi and CRREL DEM Models of a Triaxial Test of Granular Material			
14	Emily	Foot	LRO Diviner and Laboratory Solar Reflectance measurements of Apollo Soils			
15	Minsup	Jung	Mean-Particle-Size Map of the Lunar Regolith			
16	Anton	Kulchitsky	Cone Penetrometry Test in Lunar Simulant JSC-1A Simulation with COUPi DEM Model and Experimental Validation			
17	David	Loftus	Biological Response to Lunar Dust Depends on Chemical Reactivity			
18	Claire	Ricketts	Laboratory Studies of the effect of Gases on Activated Lunar Simulant			
19	Anthony	Shu	Cratering Studies in Thin Plastic Films			
20	Zoltan	Sternovsky	Lunar Dust Experiment (LDEX) on LADEE			
21	Jamey	Szalay	Modeling Dust Clouds on the Moon			
	<b>Education and Public Outreach</b>					
22	Jaclyn	Allen	Lunar Thin Sections for Undergraduate and Graduate Studies			
23	Quinn	Balazs	Three Lava Flows in Orientale Basin			
24	Douglas	Duncan	"Max Goes to the Moon" Planetarium program for grades 1-5			
25	Janice	Harvey	Hawaii's Journey through the Universe			
26	Mohammad	Hossain	Analysis of Wrinkle Ridges to Determine Distribution and Depth of Blind Thrust Faults in Mare Imbrium			
27	Brooke	Hsu	Bringing Cutting Edge Lunar Science to the Masses via International Observe the Moon Night			
28	Andrea	Jones	Lunar Workshop for Educators: Year 3 Mid-Summer Report and Lessons Learned			
29	Nolan	Peard	Comparing the Geology and Petrology of the Apollo 17 Landing Site with Moon Mineralogy Mapper Spectroscopy			
30	Cassandra	Runyon	Engaging Students: Exploring The Moon Through Dynamic Interactive Whiteboard Lessons			
	<b>Exosphere</b>					
31	Michael	Collier	ROSAT Observations of Solar Wind Charge Exchange with the Lunar Exosphere			
32	Thomas	Morgan	A Small, Remotely Operated, Coronagraph located at Small Observatory to obtain Frequent Low-cost Remote Observations of the Lunar Exosphere			
33	Ronald	Oliversen	Line Profile Measurements of the Lunar Exospheric Sodium			
34	Rebecca	Samad	Direct observations of lunar pickup ions in the magnetosphere tail-lobes by ARTEMIS			
35	Valeriy	Tenishev	Kinetic modeling of sodium in the lunar exosphere			
	<b>Geology (including Petrology)</b>					
36	David	Blewett	Lunar Glass Analogs: Deriving Optical Constants for Use in Modeling of Reflectance Spectra			
37	Leah	Cheek	Mg-spinel anorthosite as seen by M3: Observations and compositional constraints			
38	Karl	Cronberger	The Textural Purity of KREEP Basalts: The Role of Impact Melting and Volcanic Eruptions			
39	Jesse	Davenport	Re-interpreting Bulk Moon compositions through Reverse Lunar Magma Ocean Modeling			
40	Abby	Delawder	Stratified Ejecta Boulders as Indicators of Layered Plutons on the Lunar Nearside			
41	Deepak	Dhingra	Impact Melt Diversity at Crater Jackson on Lunar Far Side			
42	Andrew	Enns	Basaltic flow thicknesses exposed in lunar mare craters			
43	Caleb	Fassett	Lunar Impact Basins: Age Sequence and Superposed Impact Craters from Lunar Orbiter Laser Altimeter (LOLA) Data			
44	Charles	Hibbitts	Ultraviolet Reflectance Spectra Of Synthetic Glasses Relevant To Airless Bodies			
45	Debra	Hurwitz	Lunar sinuous rilles: Distribution, characteristics, and implications for their origin			
46	Steven	Koeber	Lunar Craters with Exterior Impact Melt Deposits			
47	Georgiana	Kramer	Schrodinger's Peak Ring Mineralogy and Stratigraphic Origin			
48	Samuel	Lawrence	Trace Element Geochemistry of Mineral Clasts in Apollo 16 Impact Melt Breccias			
49	Daniel	Moriarty	Compositional units within South Pole-Aitken central peaks			
50	Stuart	Robbins	CosmoQuest MoonMappers: Cataloging the Moon			
51	Mark	Robinson	Morphometry and Color of Lunar Domes			
52	Charles	Shearer	Exploring the lunar crust and mantle 1. Xenoliths in Apollo 17 high-Ti basalts			
53	Douglas	Standart	LUNAR MINERALOGY EXPLORATION USING MOON MINERALOGY MAPPER (M3) HYPERSPECTRAL IMAGERY			
54	William	Vaughan	Lunar feature Ina: A sublimation terrain formed by ground collapse after removal of a volatile-rich subsurface layer			
55	Jennifer	Whitten	Lunar light plains and cryptomare: Analysis of compositions and distribution of early volcanic deposits			
56	Sandra	Wiseman	Origin of Aristarchus Olivine Based On M3 Analyses			
57	Joseph	Wong	Is the Compton-Belkovich Feature (CBF) unique compared to other silicic volcanoes?			
	<b>Geophysics</b>					
58	Matthew	Fillingim	A Survey of Electromagnetic Wave Power Observed Near the Moon			

59	Heidi	Fuqua	Electromagnetic sounding sensor development for the geophysical investigation and exploration of planetary subsurface structure		
60	James	Head	Geological Observations and Constraints on Lunar Crustal Structure and Chronology: A Comparative Planetological Perspective for the Gravity Recovery and Interior Laboratory (GRAIL) Mission		
61	Seiichi	Nagihara	Development of a deep-penetrating, compact geothermal heat flow system for robotic lunar geophysical missions		
62	Maxime	Urvoy	Design and performances of past and present planetary seismometers: a comparative review		
<b>Human Exploration</b>					
63	Emily	Law	The Lunar Mapping Modeling Project: The Application of Information System Technologies to Support Return to the Moon and Beyond		
64	Emily	Law			
65	Allen	Wilkinson	Cone Penetrometry in 10 <sup>-5</sup> Torr Vacuum versus Ambient		
66	David	Willson	Space Suit Impact on Performance of Field Science Tasks: Results from Field Trials.		
<b>Missions (including Commercial)</b>					
67	Ernest	Bowman-Cisneros	The Lunar Reconnaissance Orbiter Camera PDS Data Node		
68	Kyle	Burns	The LROC NAC Stereo Catalog		
69	Pamela	Clark	Frontier: A Design Tool to Optimize Instrument, Payload, and Program Design		
70	Mikhail	Gerasimov	Gas-Analytic Package for the Russian Lunar-Resource and LUNA-Globe Missions		
71	Hiroyuki	Sato	Photometric parameter maps of the Moon		
72	Jao-Jang	Su	Monte Carlo simulation of Lunar Orbital neutron detection		
73	Kris	Zacny	Development and Testing of the Pneumatic Lunar Drill for the Emplacement of the Corner Cube Reflector on the Moon		
<b>Radiation</b>					
74	Jody	Wilson	An Improved Map of Cosmic Ray Albedo Protons from the Moon		
<b>Robotics</b>					
75	Colin	Creager	Benefit of Non-rolling Locomotion for Planetary Rover Mobility		
76	Louis	Gierasch	Lunar Surface Instrument Deployment Using an Inflatable Mechanism		
77	Jaret	Matthews	Agile Rovers for Lunar Surface Instrument Deployment		
78	Rickyamp; Ixtli-Nitzin	Morrison; Sanchez	A Versatile 2-Wheel Rover Concept for Small Lunar Missions		
79	Chris	Yarrish	Thermal Testing of Rover Components to Determine Survivability on the Moon		
80	Kris	Zacny	Percussive Excavation for Lunar Mining and ISRU		
<b>Volatiles</b>					
81	Ben	Bussey	A Complete Catalogue of Lunar Permanently Shadowed Areas		
82	M. Darby	Dyar	Determining Hydrogen Concentration from Spectral Characteristics of the 3 Micron Band		
83	Dana	Hurley	Space weathering of lunar volatile deposits		
84	Timothy	Livengood	A Search for Hydrogen Near the Lunar Terminator at Low Latitude using LEND		
85	Roald	Sagdeev	Benchmarking the neutron detection by LEND LRO re: Apollo 17 epoch and Lunar Prospector orbital neutron data		
86	Matthew	Sanchez	Interaction of the Solar Wind with Lunar Soil: H+ Implantation Studied by Monte Carlo Simulations		
<b>Other</b>					
87	Keith	Bennett	2011-2012 Lunar-Related Updates to PDS's Orbital Data Explorer		
88	William	Sparks	Observations of the Earth as a Planet from a Lunar Vantage Point		
89	David	Baker	The transition from complex craters to peak-ring basins on the Moon: New morphometric measurements from LOLA and LROC WAC data.		
90	Aaron	Boyd	Lunar Reconnaissance Orbiter Camera Narrow Angle Camera Global Photometric Solution: An Empirical Function		
91	P. J.	Chi	Restoration of Apollo Magnetic Field Data: A Progress Report		
92	Kerri	Donaldson Hanna	Simulated Lunar and Asteroid Environments for Spectral Measurements of Analogue Materials		
93	Juan	Echaurren	Mathematical Estimations for Impact Conditions on Lunar Orientale Basin, Moon		
94	Lynn	Lewis	NLSI Focus Group On Recovery of Missing ALSEP Data: Status Update For 2012 NLSI Science Forum		
95	Marie	McBride	Restoration and Reexamination of Data from the Apollo 11, 12, 14, and 15 Dust, Thermal and Radiation Engineering Measurements Experiments		
96	Kristen	Paris	The Apollo Digital Image Archive: Project Status		
97	Alix	Preston	Hollow Retroreflector Developments at Goddard		
98	Amalie	Sinclair	ISDHuB International Space Development Hub at Hangar One - A Platform for a Road Map.		
99	Tim	van Zoest	Concepts for Robotic Lunar Infrastructures		
100	Devin	Waller	LROC NAC Polar Maps: Techniques to Improve Illumination Conditions		
101	Xu	Wang	Electric potential distributions in a magnetic field cusp in plasma: study for lunar magnetic anomaly interaction with solar wind plasma		
102	David	Williams	Update on Apollo Data Restoration by the NSSDC and the PDS Lunar Data Node		
103	Michael	Zimmerman	Ringing after a high-energy collision: Ambipolar oscillations during impact plasma expansion		
104	Stanford-Brown	iGEM Team	Synthetic Biology: Tools for Space Colonization		