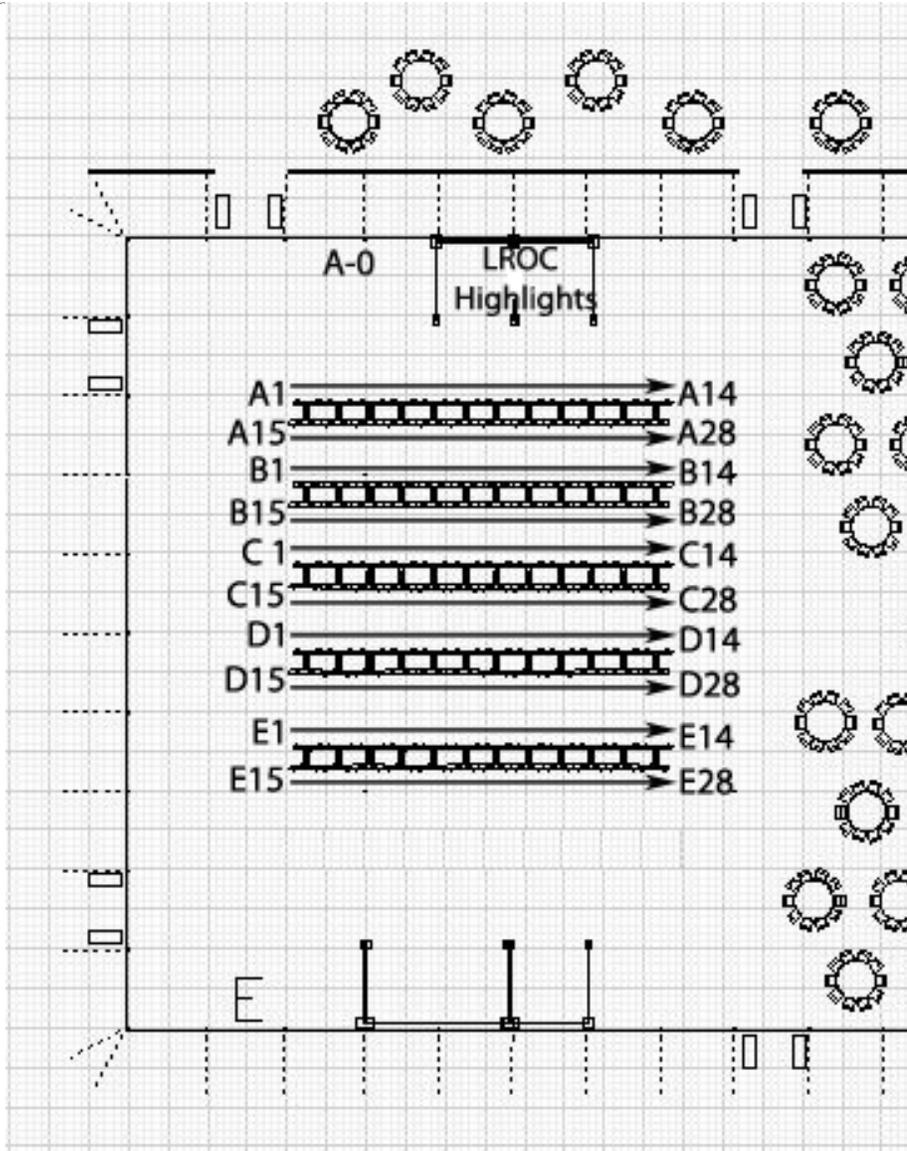


Poster Presentations Located in Tent



Poster Location	Author Last Name	First Name	Topic	Title
A-0	Fast	Harrison	Astrophysics / Heliophysics	Testing the Deployment of Lunar Radio Antenna Material with a Microrover under Simulated Lunar Conditions
A-1	Benjamin	Matt	Astrophysics / Heliophysics	Year 2 Accomplishments of the NLSI LUNAR Team
A-2	Currie	Douglas	Astrophysics / Heliophysics	Lifetime Issues for Lunar Retroreflectors: CCLDAS Dust Accelerator
A-3	Datta	Abhirup	Astrophysics / Heliophysics	Initial Results from DARE Antenna Tests
A-4	Harker	Geraint	Astrophysics / Heliophysics	Extracting the cosmic signal from Dark Ages Radio Explorer data

A-5	Jones	Dayton	Astrophysics / Heliophysics	Jet Propulsion Laboratory Technology Development for Lunar-Based Large Radio Arrays
A-6	Mirocha	Jordan	Astrophysics / Heliophysics	Simulating the 21- cm Signatures of the First Stars and Black Holes: Predictions for Observations with a Lunar Farside Telescope
A-7	Riofrio	Louise	Astrophysics / Heliophysics	Anomaly in lunar orbital evolution
A-8	Sarantos	Menelaos	Atmosphere	What will LADEE tell us about the lunar atmosphere?
A-9	Skolnik	Nate	Astrophysics / Heliophysics	An Autonomous Rover for Lunar Radio Antenna Deployment
A-10	Stewart	Kenneth	Astrophysics / Heliophysics	Numerical Simulations and Field Tests of Lunar Polyimide Film Antennas
A-11	Berlanga	Genesis	Dust	Testing of a Polar Nephelometer for Use In the Creation of a Dust Database Supporting Lunar Science Applications
A-12	Collette	Andrew	Dust	Impact Physics Experiments at the Colorado Center for Lunar Dust and Atmospheric Studies
A-13	Collier	Michael	Dust	A Fractal Model for the Capacitance of Lunar Dust and Lunar Dust Aggregates
A-14	Collier	Michael	Dust	The Lunar Dust Pendulum
A-15	Currie	Douglas	Dust	Deployment Aspects of the Lunar Laser Ranging Retroreflector for the 21st Century
A-16	Dove	Adrienne	Dust	Laboratory measurements of photoelectron plasmas
A-17	Dove	Adrienne	Dust	Charge measurements of dust grains lofted by lunar rovers
A-18	Drake	Keith	Dust	Dust Telescopes and Active Dust Collectors: Linking Dust to Their Sources
A-19	Frampton	Robert	Dust	VERSATILE LANGMUIR PROBE FOR LUNAR DUST
A-20	Gruen	Eberhard	Dust	The Electrostatic Lunar Dust Analyzer (ELDA) instrument for the detection of slow moving dust on the lunar surface
A-21	Jackson	Telana	Dust	Charging and Subsequent Dissipation of a Rover Wheel in the Lunar Polar Regions
A-22	Kempf	Sascha	Dust	LDEX-Plus: A second generation Lunar Dust Detector for mapping the lunar surface composition
A-23	Northway	Paige	Dust	Beamline Focusing and Alignment for a New 3MV Dust Particle Accelerator
A-24	Richard	Denis Thomas	Dust	Compaction state of the uppermost lunar surface layer and its relation to regolith dynamics, photometry and volatile trapping.
A-25	Richard	Denis Thomas	Dust	Light scattering by complex particles in the Moon's exosphere: Constructing a Virtual Lunar Simulant.
A-26	Shu	Anthony	Dust	The 3MV Dust Accelerator at Colorado Center for Lunar Dust and Atmospheric Studies
A-27	Szalay	Jamey	Dust	Measuring the Lunar Dust Cloud via in situ Dust Detection
A-28	Thomas	Evan	Dust	FPGA Signal Processing for Real-Time Detection of Hypervelocity Dust
B-1	Zimmerman	Michael	Dust	Importance of plasma-surface interaction to wake structure in permanently shadowed craters
B-2	Adams	Hannah	EPO	Using Boulder Diameter-Crater Diameter Ratios to Differentiate Primary from Secondary Craters on the Lunar Surface
B-3	Bleacher	Lora	EPO	DREAM's Lunar Extreme Program: An afterschool program for high school students to learn about the solar-lunar environmental connection
B-4	Felberg	Dana	EPO	Crater Chains on the Lunar South Pole
B-5	Haskell	Jackson	EPO	An Examination of Craters in the Orientale Basin
B-6	Hsu	Brooke	EPO	Lessons Learned from 2010 International Observe the Moon Night
B-7	Hsu	Hsiang-Wen	EPO	Tracking Lunar Dust - Analysis of Apollo Footage
B-8	Jones	Andrea	EPO	Lunar Workshops for Educators: Mid-Summer Progress Report
B-9	sinclair	amalie	EPO	International Space Development Hub (Hangar One ARC)
B-10	Turner	Dakota	EPO	Archimedes Crater Relative Age Dating in the Imbrium Crater using GIS/Trask Method
B-11	Wu	Clint	EPO	South Pole Crater Chains: Searching for Just the Right Crater
B-12	Antonenko	Irene	Geology	Stratigraphic Studies of the Plains West of Bose and Bhabha Craters in South Pole-Aitken Basin
B-13	Arnold	Jessica	Geology	Olivine-enriched regions as seen by Diviner

B-14	Ashok	Lavanya	Geology	Mineral composition analysis of the Mare Orientale using HySI of Chandrayaan-1
B-15	Barnett	Joe	Geology	Geodetic Comparison Between LROC Images and the Clementine Basemap Mosaic
B-16	Barnouin	Olivier	Geology	Dimensions of craters from the Lunar Orbiter Laser Altimeter and the Lunar Reconnaissance Orbiter Camera
B-17	Bart	Gwendolyn	Geology	Lunar Regolith Depth Correlates with Lunar Geologic Units
B-18	Hurwitz	Debra	Geology	Timing of lunar sinuous rille formation: Implications for lunar volcanic evolution
B-19	Kochemasov	Gennady	Geology	Lunar South Pole-Aitken Basin: its tectonic counterpart at Earth and internal structural inhomogeneity
B-20	Lawrence	Samuel	Geology	Size-frequency Distributions of Blocks on Lunar Geologic Features: Results from LROC
B-21	Miura	Yasunori	Geology	Lunar and Martian Crater-Like Depression Structures Mainly by Underground Shock Waves
B-22	Nefian	Ara	Geology	Lunar Albedo Reconstruction of the Apollo 15 and 16 Zone
B-23	Ostrach	Lillian	Geology	Effects of incidence angle on crater counting observations
B-24	Plescia	Jeff	Geology	Small Lunar Mare Craters: Impacts into Layered Targets
B-25	Schneck	Therese	Geology	Lunar Highlands Armalcolite
B-26	Scholten	Frank	Geology	Topography of the Moon - The "GLD100" 100 meter raster DTM from LROC WAC stereo image data
B-27	Shankar	Bhairavi	Geology	Examining Potential Impact Melt Deposits within Orientale Ejecta
B-28	Simmons	Samuel	Geology	Evaluating lavas in the lunar analogue terrain being used for lunar mission simulations
C-1	Speyerer	Emerson	Geology	Lunar Reconnaissance Orbiter Camera Global Morphologic Map
C-2	Stopar	Julie	Geology	Depths, Diameters, and Profiles of Small Craters in Different Lunar Terrains
C-3	Thaisen	Kevin	Geology	Moscoviense: Possible formation mechanisms for an atypical basin.
C-4	Wagner	Robert	Geology	Occurrence and Morphology of Small-Scale Pit Craters in Lunar Impact Melt Deposits
C-5	Fillingim	Matthew	Geophysics	Electromagnetic Wave Power Observed Near the Moon during Terrestrial Bow Shock Crossings and Its Importance for Subsurface Sounding
C-6	Noda	Hiroto	Geophysics	Lunar Laser Ranging experiment in Japanese lunar lander SELENE-2
C-7	Urvoy	Maxime	Geophysics	Basic technical considerations for the next generation of lunar seismometer according to recent internal structure modelisation of the Moon
C-8	Brown	Igor	Human Expl.	Photobioprocessing of In Situ Resources to Support Human Exploration
C-9	Cohen	Marc	Human Expl.	Constellation/Altair Lunar Lander: 2005-2010, a Retrospective
C-10	Lee	Tai Sik	Human Expl.	Landing Pad Construction for Lunar Exploration
C-11	Lee	Tai Sik	Human Expl.	Closed Pneumatic Transportation System for the Lunar Environment
C-12	Lee	Tai Sik	Human Expl.	Korea Approach on Lunar Exploration Rover
C-13	Rothschild	Lynn	Human Expl.	Synthetic Biology Applications for Space Exploration and Colonization
C-14	Sridhar	Jayashree	HumanExpl.	An experimental set up of human habitat on lunar surface with lava tubes and new technologies
C-15	Tikoo	Sonia	Magnetic Prop	Fidelity of mare basalt paleomagnetic records and implications for an ancient lunar dynamo
C-16	Wang	Xu	Magnetic Prop	Complex plasma potential distributions induced by local magnetic fields
C-17	Clark	Pamela	Mission	SPACE (Surface Payloads and Advanced Concepts for Exploration) Open Access Database
C-18	Donaldson Ha	Kerri	Mission	Integrated Diviner and M3 Observations of Plagioclase-rich Regions on the Moon
C-19	Fahnestock	Eugene	Mission	Impact of Dynamic and Kinematic Error Sources on GRAIL Estimation of a High-Resolution Lunar Gravity Field and Core Signature
C-20	Kévin	THEATRE	Mission	Critical Knowledge During Planetary Exploration Missions - ILEWG-Euromoonmars Analogue Mission 2011 at MDRS Utah
C-21	Miller	Richard	Mission	High Resolution Gamma-Ray Spectroscopy with Silicon Photomultipliers
C-22	Miller	Richard	Mission	Science Goals for the Lunar Occultation Observer (LOCO) Mission Concept

C-23	Petro	Noah	Mission	Moon Mineralogy Mapper (M3) Data in the Planetary Data System (PDS)
C-24	Simmons	Samuel	Mission	Signal Processing for a Lunar Radio Array: Minimizing Power Consumption
C-25	Sridhar	Jayashree	Mission	Sustainable Communication Systems using Swarm Robotics for lunar exploration
C-26	Ximenes	Samuel	Mission	Lunar Lava Tube Reconnaissance Mission
C-27	Bennett	Keith	Other	Lunar-Related Updates to PDS's Orbital Data Explorer
C-28	Bourges	Quentin	Other	Man Machine Coordination and Cooperation – ILEWG Euromoonmars Analogue Mission 2011 at MDRS Utah
D-1	cadieux	michelle	Other	Moon Simulations: Computer Based Training
D-2	Chen	Peter	Other	A Telescope on the Moon using Moon Dust and Superconductors
D-3	Chen	Peter	Other	Moon Dust, High Temperature Superconductors, and Mars
D-4	Clark	Pamela	Other	Lunar Analogs for Modeling Solar System Surface Processes and Testing Science Enabling Technologies
D-5	Collier	Michael	Other	Neutral Mass Spectrometer (NMS) for the Lunar Atmosphere and Dust Environment Explorer (LADEE) Mission
D-6	Cox	Russell	Other	2nd International Lunar Superconductor Applications Workshop
D-7	Duncan	Douglas	Other	EPO for the Lunar Team
D-8	Echaurren	Juan	Other	Mathematical Estimations for Impact Conditions on Hertzsprung Basin, Moon.
D-9	Gustafson	Michael	Other	Collision-Capture Hypothesis: Was the Moon captured after a collision with Earth around 3.9 Ga?
D-10	James	Nathan	Other	Policies and Procedures for Accessing Archived NASA Lunar Data via the Web
D-11	Lewis	Lynn	Other	NLSI Focus Group on Recovery of Missing ALSEP Data- Attempt to Preserve a National Treasure
D-12	Williams	David	Other	Restoration of Apollo Data by the NSSDC and the PDS Lunar Data Node
D-13	Knuth	Margaret	Other	Discrete Element Modeling for Mobility and Excavation
D-14	Krzykowski	Mindona	Other	Identifying and characterizing VXB events on the lunar surface from the Apollo 14 Suprathermal Ion Detector Experiment (SIDE)
D-15	Kulchitsky	Anton	Other	Scripting Language Usage with Discrete Element Method (DEM) Modeling
D-16	Mueller	Robert	Other	NASA Lunabotics Mining Competition for Universities: Results & Lessons Learned
D-17	Polit Casillas	Raul	Other	Self-deployable advanced lunar habitat
D-18	Poppe	Andrew	Other	One-dimensional particle-in-cell (PIC) simulations of an ARTEMIS lunar wake crossing at 3.5 R _L
D-19	Sato	Hiroyuki	Other	Photometric normalization of LRO WAC global multispectral observations
D-20	Sparks	William	Other	Camera for Lunar Based Observations of the Variable Earth (CLOVE): Observing the Earth as a Planet
D-21	Vargo	Kara	Other	The LADEE Ultraviolet and Visible Light Spectrometer
D-22	Donohue	Patrick	Petrology	Petrogenesis of Apollo 17 High-Titanium Basalts Using Crystal Stratigraphy
D-23	Fagan	Amy	Petrology	A Unique Petrogenesis for Impact Melt Samples Around the Apollo 16 Lunar Module
D-24	Hui	Hejiu	Petrology	Derivation of Apollo 14 high-alumina basaltic melts at discrete times: Rb-Sr constraints
D-25	 Sullivan	Katie	Petrology	Investigating the lunar magma ocean crystallization hypothesis with ferroan anorthosite 15415 and troctolite 76535
D-26	Varga	Tamás Norbert	Petrology	The Lunar Bombardment, and its Footprint on The NASA Lunar Samples
D-27	Case	Anthony	Radiation	The Galactic Cosmic Ray Linear Energy Transfer Spectrum as Observed by LRO/CRaTER
D-28	Jordan	Andrew	Radiation	Galactic Cosmic Ray Linear Energy Transfer Spectra at the Moon from 2009 to 2011
E-1	Kasper	Justin	Radiation	LRO/CRaTER Observations of an Altitude-dependent Contribution to the Lunar Radiation Environment
E-2	Wilson	Jody	Radiation	First Cosmic Ray "Albedo" Proton Map of the Moon
E-3	Chanover	Nancy	Recent Mission	Results from the NMSU-NASA/MSFC LCROSS Observational Campaign

E-4	Kulchitsky	Anton	Regolith	Discrete Element Method Modeling of The Cone Penetrometry Test Using COUPi Model
E-5	McLain	Jason	Regolith	Solar Wind Proton Implantation: Modelling Mineral Hydration and Hydroxylation
E-6	Wilkinson	Allen	Regolith	Cone Penetrometry as a Validation Experiment for Geotechnical Discrete Element Modeling
E-7	Green	Alex	Robotics	Variables of Percussive Excavation in Lunar Regolith Simulant
E-8	Lan San	Audrey	Robotics	Human factors in teleoperation - ILEWG - EUROMOONMARS ANALOGUE MISSION 2011 AT MDRS UTAH
E-9	Zacny	Kris	Robotics	Development and Testing of Gas Assisted Drill for the Emplacement of the Corner Cube Reflector System on the Moon
E-10	Zwach	Michael	Robotics	Lunar Application of a Micro-Rover
E-11	Davis	Kristina	Space Weathering	Radio Cosmology from the Moon: Determining Kapton's reliability as a radio telescope material
E-12	Keller	J. W.	Space Weathering	Thermal Ion Transport on the Moon and the Formation of the Lunar Swirls
E-13	Killen	Rosemary	Space Weathering	Sputtering by the Solar Wind: Effects of Variable Plasma Composition
E-14	Noble	Sarah	Space Weathering	An Examination of the Space Weathering Patina of Lunar Rock 76015
E-15	Tenishev	Valeriy	Space Weathering	Kinetic modeling of the neutralized hydrogen ENAs and solar wind protons reflected from the lunar surface.
E-16	Cahill	Joshua	Volatiles	Examination of Lunar Polar Locales with Near-Continuous Lighting Conditions
E-17	Eke	Vincent	Volatiles	A comparison of orbital neutron data sets
E-18	Kozlova	Ekaterina	Volatiles	Presence of volatile species in the upper regolith in crater Cabeus
E-19	Litvak	Maxim	Volatiles	Estimations of subsurface water ice at Moon poles derived from LEND/LRO and Diviner/LRO data
E-20	McClanahan	Timothy	Volatiles	A Correlative Study of Modeled Lunar Insolation Effects Using LRO's LOLA Topography and Observations From LEND
E-21	Miller	Richard	Volatiles	Hydrogen at the lunar poles: search strategies and tradeoffs for a surface- based neutron spectrometer
E-22	Morgan	Thomas	Volatiles	A Concept for Small, Remotely Operated, Coronagraph located at Small Observatory to obtain Frequent Low-cost Remote Observations of the Lunar Exosphere and the Mercurian Tail
E-23	Prem	Parvathy	Volatiles	Cometary Delivery of Lunar Water: A Parametric Study
E-24	Sanin	Anton	Volatiles	The LEND Neutron Flux vs LOLA Solar Incident Flux for Lunar Poles
E-25	Stubbs	Timothy	Volatiles	Illumination Conditions at the Asteroid 4 Vesta: Implications for Volatiles
E-26	Teodoro	Luis	Volatiles	Testing models of water migration in the lunar polar sub-surface
E-27				
E-28				