

Poster Information

The space available for poster displays is 48" x 48". The poster area will be open during all normal meeting hours, so authors may install their poster anytime after 7:00 a.m. on June 26. Posters should be removed on the last day of the meeting. Authors are required to be at their posters during at least one poster session (sign up sheets will be provided at check-in). Poster authors are also encouraged to bring several press-ready copies of their abstract for the media.

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Topic/Name	Poster #	Title
Asteroids/NEO Characterization		
Marcella Yant	1	Project ESPRESSO: Optical Constants for Quantitative Spectral Analysis and Exploration Roles of Field LIBS and Raman (/abstract/NESF2018-122)
Waynflete High School	2	Thermal Infrared Spectral Comparisons Of Minerals And Asteroids In Relation To The Frost Line (/abstract/NESF2018-058)
Astrophysics/Heliophysics		
David Rapetti	3	Global 21-cm Data Analysis Pipeline to Constrain Physical Parameters using Lunar-based Observations (/abstract/NESF2018-101)
Keith Tauscher	4	Towards a lunar farside hydrogen cosmology telescope: characterizing the absorption trough observed by EDGES (/abstract/NESF2018-113)
Dust/Regolith		
Edwin Bernardoni	5	Characterizing Lunar Dust Impact Plumes (/abstract/NESF2018-059)
Bijoya Dhar	6	Space weathering effects at the surface of thin-film aluminosilicate model regolith (/abstract/NESF2018-067)
Marina Gemma	7	Visible-Near-Infrared Reflectance Spectroscopy of Ordinary Chondrite Meteorites Under Simulated Asteroid Surface Conditions (/abstract/NESF2018-069)

Topic/Name	Poster	
	#	Title
Gen Ito	8	Radiative-transfer modeling of spectra of planetary regoliths using cluster-based dense packing modifications (/abstract/NESF2018-075)
Zoe Landsman	9	The Effect of Buried Rocks on the Apparent Physical Properties of the Lunar Regolith (/abstract/NESF2018-081)
Melissa Lane	10	Development of a fine-particle spectral library (/abstract/NESF2018-082)
Paul Lucey	11	Multispectral polarization of eight lunar soils: Results from spectral measurements and radiative transfer modeling (/abstract/NESF2018-084)
Alex Parker	12	Project ESPRESSO: Airborne Space Environment Chamber Status, Interfaces, and Payload Capacities (/abstract/NESF2018-097)
Marcus Piquette	13	Student Dust Counter: Status Report At 40 AU (/abstract/NESF2018-098)
Cody Schultz	14	Exploring The Physical Properties Of High Fidelity Phobos Regolith Simulants (/abstract/NESF2018-108)
Jamey Szalay	15	Anisotropic Meteoroid Fluxes and Impact Gardening in the Lunar Polar Regions (/abstract/NESF2018-112)
Luis Teodoro	16	Modeling Of Volatiles Loss During Lunar Resource Prospector Mission Sample Acquisition (/abstract/NESF2018-114)
Zach Ulibarri	17	On the generation and detectability of organic chemistry in hypervelocity impact ice spectra (/abstract/NESF2018-118)
Xu Wang	19	Laboratory investigation of the timescales of electrostatic dust transport processes on the surfaces of airless bodies (/abstract/NESF2018-119)
Akbar Whizin	20	Cohesive Aggregation of Dust in Parabolic Flight Experiments (/abstract/NESF2018-120)
Jordan Young	21	Effects Of Micrometeoroid Impact Experiments On The Infrared Spectra Of Olivine (/abstract/NESF2018-123)
Education & Public Outreach/Citizen Science		
Cynthia Hall	22	The World Ender: Developing an Engaging Inquiry-Based Curriculum for Understanding Small Bodies (/abstract/NESF2018-070)
Andrea Jones	23	FINESSE Education and Public Outreach Year 5 Report (/abstract/NESF2018-077)
Geochemistry/Petrology		

Topic/Name	Poster	
	#	Title
Joseph Cukjati	24	Atom Probe Tomography Of Olivine And Clinopyroxene Grain And Phase Boundaries In Deformed Wehrlite (/abstract/NESF2018-065)
Donald Hendrix	25	Determining The Dissolution Rates Of Mineral Powders In Simulated Lung Fluid In Order To Better Understand The Persistence Of Lu (/abstract/NESF2018-072)
Scott Hughes	26	Geochemical Complexity Along The Great Rift – A Planetary Analog For Magma Evolution Within Sill And Dike Networks (/abstract/NESF2018-074)
Alexander Kling	27	Temperature-Dependence Of Visible To Near-Infrared Spectral Properties Of Minerals Under Simulated Airless Body Conditions (/abstract/NESF2018-080)
Geology/Geophysics		
Charles-Edouard Boukaré	28	Cumulate Mantle Dynamics Response to Magma Ocean Cooling Rate (/abstract/NESF2018-060)
James Head	29	Controls on Lunar Basaltic Volcanic Eruption Structure and Morphology: Gas Release Patterns in Sequential Eruption Phases (/abstract/NESF2018-071)
Jinzu Ji	30	Smooth facies of the maunder formation at orientale basin: Evidences and interpretations for cooling behavior of melt sheet (/abstract/NESF2018-076)
Boda Liu	31	Reading Melting Parameters From Rare Earth And High-Field Strength Element Abundances In Lunar Picritic Glass Melts: An Application Of Markov Chain Monte Carlo Methods (/abstract/NESF2018-083)
Rachel Maxwell	32	Estimating The Magnetization Direction Of Planetary Crustal Magnetic Anomalies (/abstract/NESF2018-088)
Richard Nelson	33	A Possible Explanation For Anomalous Lunar Paleointensity Values Measured For Apollo Sample 62235 (/abstract/NESF2018-092)
Stuart Robbins	34	A Global Lunar Crater Database, Complete for Craters $\geq 1-2$ km, IV (/abstract/NESF2018-102)
Human Exploration & Destination Drivers		
Robert Cataldo	35	Lunar Night Survivability Achieved by Radioisotope and Fission Power System Technology (/abstract/NESF2018-063)
Mark Lupisella	36	Apollo Environment Sampling: A 50 Year Experiment (/abstract/NESF2018-085)
Madhu Thangavelu	37	PHOENIX Lander: Utilization of the Deep Space Gateway for Accelerated Lunar Settlement Infrastructure Establishment (/abstract/NESF2018-115)

Topic/Name	Poster	
	#	Title
Madhu Thangavelu	38	LunarLAB: Concept for a Permanent Lunar Lava Tube Settlement (/abstract/NESF2018-116)
Madhu Thangavelu	39	SINTERPAD:Concept for an ISRU Lunar Landing Pad (/abstract/NESF2018-124)
Waynflete High School	40	The Moon's Next Steps: Evaluation Of Eight High Water Content Pyroclastic Deposits As Potential Landing Sites For Human Exploration Missions (/abstract/NESF2018-057)
Human Research & Performance		
Benjamin Mellinkoff	41	Integration of a COTS Robotic Arm and Rover for Future Low-Latency Telerobotic Assembly Experiments (/abstract/NESF2018-090)
Micah Schaible	42	Chemical effects caused by electrostatically charged regolith dust grains on analog lung tissues (/abstract/NESF2018-106)
Tore Straume	43	TEPC Measurements on the Lunar Surface (/abstract/NESF2018-111)
ISRU		
Dylan Carter	44	Size Beneficiation of Lunar Regolith via Triboelectric Charging for In Situ Resource Utilization (/abstract/NESF2018-061)
Missions		
Julie Castillo-Rogez	45	Mars Cave Exploration Concept For Science And Human Exploration (/abstract/NESF2018-062)
Pamela Clark	46	The Lunar Ice Cube Mission in Development (/abstract/NESF2018-064)
Jan Deca	47	Flying A Spacecraft Through A Lunar Magnetic Anomaly: Measurement Requirements As Defined By Fully Kinetic Modeling (/abstract/NESF2018-066)
Jordan Kendall	48	The Case for a Lunar Sample Return Mission near the South Pole-Aitken Basin: Perspectives from Impact Modeling (/abstract/NESF2018-079)
Robert MacDowall	49	Low-Frequency Radio Observatory Pathfinder On The Near-Side Lunar Surface (/abstract/NESF2018-086)
Zachary Morse	50	A Canadian Science Maturation Study For A Lunar Precursor Rover To Schrödinger Basin (/abstract/NESF2018-091)
Elizabeth Oberlin	51	Qualification Of Phoenix Lander Heritage Ion-Selective Electrodes For Long Duration Space Exploration (/abstract/NESF2018-094)

Topic/Name	Poster	
	#	Title
Salvatore Oriti	52	Dynamic Radioisotope Power Systems Development and Potential First Mission Utilization (/abstract/NESF2018-096)
Macey Sandford	53	Standoff Time-Resolved Raman and Fluorescence Spectrometer for a Lunar Lander (/abstract/NESF2018-105)
Katherine Shirley	54	Effect of Albedo on Mid-Infrared Spectra as Compared to the Diviner Dataset (/abstract/NESF2018-109)
Brandon Smith	55	Pterodactyl: Integrated Control Design for Precision Targeting of Deployable Entry Vehicles (/abstract/NESF2018-110)
Arundel High School	56	Analysis Of Lunar Locations For Future Missions (/abstract/NESF2018-055)
Radiation, Plasma, Exosphere		
Elliot Frey	57	New Material Systems for Neutron Dosimetry (/abstract/NESF2018-068)
Demian Marchione	58	A Laser Based Micrometeorite Accelerator for Impact Studies (/abstract/NESF2018-087)
Andrew Poppe	59	A Comprehensive Model For Pickup Ion Formation At The Moon (/abstract/NESF2018-099)
Joseph Samaniego	60	A Double Hemispherical Probe (DHP) for Improving Space Plasma Measurements (/abstract/NESF2018-104)
Robotics		
Eldar Noe Dobrea	61	Robotic Decision-Making In A Fine-Grained Environment (/abstract/NESF2018-093)
Volatiles		
Amanda Hendrix	62	LRO LAMP observes diurnally migrating water on the Moon (/abstract/NESF2018-073)
Jason McLain	63	Proton Induced Hydroxylation Measurements on Apollo Era Lunar Soils (/abstract/NESF2018-089)
Ronald Oliverson	66	High Spectral Resolution Observations of Lunar Exospheric Sodium and Potassium Emissions (/abstract/NESF2018-095)
Parvathy Prem	67	Modeling the Propagation of Spacecraft Exhaust Plume Volatiles on the Moon (/abstract/NESF2018-100)
Ted Roush	68	Ice Sublimation from Water-doped Lunar Simulant at Cryogenic Temperatures (/abstract/NESF2018-103)

Topic/Name	Poster	
	#	Title
Garrett Schieber	69	Experimentation and Simulation of Volatile Transport within Airless Bodies (/abstract/NESF2018-107)
Orenthal Tucker	70	Hydroxylation and H2 degassing in the lunar environment: Monte Carlo Studies (/abstract/NESF2018-117)
Jody Wilson	71	Shallowly Buried Hydrogenation in the Lunar Regolith: Using Albedo Protons to Refine Trends in Latitude and Local Time (/abstract/NESF2018-121)
Mount Horeb High School	72	Volcanic Contribution Of Water At Lunar Silicic Domes (/abstract/NESF2018-056)

About SSERVI

Recognizing that science and human exploration are mutually enabling, NASA created the Solar System Exploration Research Virtual Institute (SSERVI) to address basic and applied scientific questions fundamental to understanding the Moon, Near Earth Asteroids, the Martian moons Phobos and Deimos, and the near space environments of these target bodies. As a virtual institute, SSERVI funds investigators at a broad range of domestic institutions, bringing them together along with international partners via virtual technology to enable new scientific efforts.

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Exploration Science

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Video: NASA Administrator Statement on Space Policy Directive-3: sservi.nasa.gov/?p=13583

Video: NASA Administrator Statement on Space Policy ...
 A statement from NASA Administrator Jim Bridenstine on Monday's signing of Space Policy Directive-3.
sservi.nasa.gov

18h



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