

Lunar Exploration Analysis Group
Virtual Meeting - Preliminary Schedule (Jan 10 2020)
Feb. 7, 2020
11:00 am - 5:00 pm EST

This meeting is focused on NASA's current funded portfolio of missions, instruments, and concepts for the Moon (DALI, NPLP, LSITP, SIMPLEX, Artemis-1, LDEP, and PMCS).

The meeting is virtual and held over Zoom with support from SSERVI:

Join Zoom Meeting

<https://sservi.zoom.us/j/659331912>

We encourage groups to form and participate in conference room settings. If you'd like to set this up at your institution, please contact Ricky Guest directly to provide the info and set up a test. Ricky.Guest@nasa.gov

To accommodate everyone who was interested, the talks are 8-10 minutes for the talk and 2-4 minutes for questions. There is no scheduled break so please feel free to step out and rejoin as you need to.

SPEAKERS PLEASE NOTE due to a change in logistics, **speakers must present their own slides over zoom**. Please be prepared to present your own slides. We apologize for the short notice for this change.

Start Time (EST)	Start Time (PST)	Topic	Presenter
11:00:00 AM	8:00:00 AM	Introduction to the meeting, programmatic aspects	Sam Lawrence, LEAG chair
11:16:00 AM	8:16:00 AM	Lunar Discovery and Exploration Program Update	Ben Bussey, NASA HQ
11:24:00 AM	8:24:00 AM	Electrostatic Dust Analyzer (EDA) for Exploring Dust Transport Processes on the Lunar Surface	Xu Wang (CU-Boulder)
11:36:00 AM	8:36:00 AM	SEAL: Surface and Exosphere Alterations by Landers	Mehdi Benna (GSFC/UMBC)
11:48:00 AM	8:48:00 AM	LEMS: Lunar Environment Monitoring Station	Mehdi Benna (GSFC/UMBC)
12:00:00 PM	9:00:00 AM	Lunar Surface Electromagnetics Experiment (LuSEE)	Stuart Bale (UC Berkeley)

12:12:00 PM	9:12:00 AM	LISTER: the Lunar Instrumentation for Subsurface Thermal Exploration with Rapidity	Seiichi Nagihara (Texas Tech)
12:24:00 PM	9:24:00 AM	SAMPLR: Sample Acquisition, Morphology Filtering, and Probing of Lunar Regolith	Mike Seibert (Maxar)
12:36:00 PM	9:36:00 AM	PlanetVac	Kris Zacny (Honeybee Robotics)
12:48:00 PM	9:48:00 AM	In situ geochronology on the Moon (and other rocky bodies) - Planetary Mission Concept Study and KARLE instrument	Barbara Cohen (GSFC)
1:00:00 PM	10:00:00 AM	SSOLVE: Submillimeter Solar Observation Lunar Volatiles Experiment	Tim Livengood (UMD/CRESST/GSFC)
1:12:00 PM	10:12:00 AM	CRATER: Characterization of Regolith and Trace Economic Resources	Lori Willhite (UMD)
1:24:00 PM	10:24:00 AM	The Lunar Polar Hydrogen Mapper Mission (LunaH-Map)	Craig Hardgrove (ASU)
1:36:00 PM	10:36:00 AM	Lunar volatile measurements from orbit with Lunar Flashlight and from the ground using the Peregrine ion-trap mass spectrometer (PITMS)	Barbara Cohen (GSFC)
1:48:00 PM	10:48:00 AM	L-CIRiS: Lunar Compact Infrared Imaging System	Paul Hayne (CU Boulder)
2:00:00 PM	11:00:00 AM	An Ultra-Compact Imaging Spectrometer for the Lunar Surface	Abigail Fraeman (JPL)
2:12:00 PM	11:12:00 AM	Lunar Laser Ranging and the Next Generation Lunar Retroreflector (NGLR)	Doug Currie (UMd)
2:24:00 PM	11:24:00 AM	Heimdall: Turning all eyes on the Moon	R. Aileen Yingst (PSI)
2:36:00 PM	11:36:00 AM	Lunar Trailblazer: A Pioneering Small Satellite for Lunar Water and Lunar Geology (SIMPLEx selection 2019)	Bethany Ehlmann (Caltech)
2:48:00 PM	11:48:00 AM	Seismometer for a Lunar Network (SLN)	Hop Bailey (U of Az)
3:00:00 PM	12:00:00 PM	Lunar Magnetotelluric Sounder	Bob Grimm (SwRI)
3:12:00 PM	12:12:00 PM	ROLSSES: Radio Observations on the Lunar Surface of photoElectron Sheath	Bob MacDowall (GSFC/NASA)
3:24:00 PM	12:24:00 PM	Fluxgate Magnetometer	Mike Purucker (GSFC)
3:36:00 PM	12:36:00 PM	Lunar Geophysical Network Mission Concept Study	Clive Neal (Notre Dame)
3:48:00 PM	12:48:00 PM	NIRVSS	Tony Colaprete(NASA Ames)

4:00:00 PM	1:00:00 PM	NS instrument	Rick Elphic (NASA Ames)
4:12:00 PM	1:12:00 PM	VIPER	Tony Colaprete (NASA Ames)
4:24:00 PM	1:24:00 PM	Intrepid: Long Range Lunar Roving Explorer	Mark Robinson (ASU)
4:36:00 PM	1:36:00 PM	XTRA: An eXtraTerrestrial Regolith Analyzer	Warren McKenzie (UH Mānoa)
4:48:00 PM	1:48:00 PM	BECA	Ann Parsons (GSFC)
5:00:00 PM	2:00:00 PM	Meeting adjourns	

Chat Room Monitors

11-12 Terry Hurford

12-1 Victoria Da Poian

1-2 Barbara Frasl

2-3 Terry Hurford

3-4 Jacob Richardson

4-5 Dan Cremons