

				Section
9:00				
9:15				Technology
9:30	Coffee and Registration			Lunar Geology
9:45	Welcome			Dust/Regolith
10:00	Christiansen Feature vs Restsrahlen Band (CF vs RB1) plot: A New Approach for Mapping Silicate Mineralogy from the Orbit in the Thermal-Infrared (7- 50 μm) Spectral Region	Indhu	Varatharajan	Remote Sensing
10:15	Exploring the nature of Pallas family asteroids with near infrared spectroscopy	Prachi	Chavan	
10:30	Quantitative Mg# Determination of Olivine- and Pyroxene-Rich Extraterrestrial Rocks in the Intermediate Infrared Range (IMIR 4-8 Microns)	Christopher	Kremer	
10:45	Break			
11:00	Delineation of Far side Volcanic units of Tsilkovisky crater of the Moon	Henal	Bhatt	
11:15	Two methods to detect and characterize lava tubes on other planets	Edward	Williams	
11:30	Unraveling the mystery of lunar irregular mare patches (IMPs): Perspectives and evidence from remote sensing observations	Nicholas	Piskurich	
11:45	Analyzing Gravitational Profiles of Complex Lunar Impact Craters using Zonal Harmonics, Principal Components Analysis	Carol	Hundal	
12:00				
12:15				
12:30				
12:45				
13:00				
13:15	Lunch			
13:30	Generalized Equations for Cohesion and Shear Strength of Compacted Lunar and Martian Regolith Simulants	Brandon	Dotson	
13:45	Impact Ionization of Complex Organics as a Method of the In-Situ Study of Interplanetary Dust	Rebecca	Mikula	
14:00	Modeling the Impact Ionization Mass Spectra of Olivine, Pyroxene and Feldspar	Ethan	Ayari	
14:15	Preliminary results from a novel simulated environment chamber	Lorraine	Rosello Del Valle	
14:30	break			
14:45	Large Surface Are Instruments to Monitor Dust Impacts on the Lunar Surface	Alex	Doner	
15:00	Thermal Insulation of Spacesuits by Lunar Regolith	Elana	Helou	
15:15	Quantitative Optimization of Planetary Excavation Methods	Jared	Long-Fox	
15:30	Closing Remarks			