LPLC 2021 Schedule (Aug. 20th, 2021)

TIME	FIRST NAME	LAST NAME	TALK TITLE
9:00-9:05			Opening remarks
Graduate Student Talks I			
9:05-9:15	Zarah	Brown	Hydrocarbons in Saturn's Upper Atmosphere as a Tracer of Dynamics
9:15-9:25	Galen	Bergsten	Kepler’s Small Planets and their Evolutionary Dependence on Stellar Mass
9:25-9:35	Maria	Steinrueck	Simulating haze radiative feedback in 3D general circulation models of hot Jupiters
9:35-9:45	Ben	Sharkey	Complex Water-ice Mixtures on NII Nereid: Constraints from NIR Reflectance
9:45-9:55	Adam	Battle	Potential Abundance of Shock Darkened/Impact Melt Material on the Surface of NEA (52768) 1998 OR2
Short Break (9:55-10:00)			
Graduate Student Talks II			
10:00-10:10	Sam	Moruzzi	Constraining the Compensation State, Structure and Geophysical Evolution of Sputnik Basin on Pluto
10:10-10:20	Mackenzie	Mills	At the Cutting Wedge: Producing Geomorphologic Maps in the Argadnel Regio Region of Europa
10:20-10:30	Cassandra	Lejoly	Radial Distribution of Dust in Comets 45P/Honda-Mrkos-Pajdusakova and 46P/Wirtanen
10:30-10:40	Robert	Melikyan	Simulations of asteroid collisional families to understand their extension
Break (10:40-10:50)			
Session 3			
10:50-11:10	**Teddy**	**Kareta**	**Invited: No Ice, Please: 46P/Wirtanen in the Near-Infrared**
11:10-11:20	Vishnu	Reddy	Challenges in Differentiating NEOs and Rocket Bodies: 2020 SO Study
11:20-11:30	Tanner	Campbell	Bayesian Approach to Light Curve Inversion of 2020 SO
11:30-11:40	Grace	Halferty	Photometric Characterization and Trajectory Accuracy of Starlink Satellites
11:40-11:50	Bashar	Rizk	OSIRIS-REx OCAMS’ Post-Sampling Imaging Campaign of Oct. 22, 2020 and Deep Space’s Unknown Unknowns
11:50-12:00	Dante	Lauretta	The OSIRIS-REx Sample Collection Event
Lunch (12:00-1:30)			
Session 4			
1:30-1:50	**Kamber**	**Schwarz**	**Invited: The Massive Protoplanetary Disk Around GM Aurigae**
1:50-2:00	Chenliang	Huang	A hydrodynamic study of the escape of metal species and excited H in the atmosphere of WASP-121b
2:00-2:10	Ilaria	Pascucci	Observational constraints for pebble-driven planet formation
2:10-2:20	David	Cantillo	Constraining the Regolith Composition of Asteroid (16) Psyche via Lab Visible Near-infrared Spectra
2:20-2:30	Charlie	Goldberg	CN Features of Comet 21P/Giacobini-Zinner
2:30-2:40	Renu	Malhotra	Solar System Dynamics student research projects during the pandemic
Break (2:40-03:00)			
Session 5			
3:00-3:20	**Antony**	**Trinh**	**Invited: Probing synchronous moons from their tides and librations**
3:20-3:30	Peter Anto	Johnson	Parameters for remote lunar regolith sampling technology
3:30-3:40	John Christy	Johnson	Mirrors on the Moon as a way to capture solar energy
3:40-3:50	Reed	Spurling	Dynamic Soaring Sailplanes: Perpetual Atmospheric Flight in Support of Planetary Exploration
3:50-4:00	Bill	Hubbard	Juno’s extended mission
4:00-4:20	**Emily**	**Lichko**	**Invited: Microinstabilities: what they are, why they matter, and how well do our tools for describing them work**
Break (4:20-04:30)			
KEYNOTE and CLOSING			
4:30-5:00	Mark	Marley	Atmospheric Modeling From Giant Planets to Cool Stars