

PLANETARY SAMPLE SCIENCE SEMINAR SERIES



Hosted by CASA Moon (UNM), SSERVI Central, UNM Grand Challenge, Institute of Meteoritics, Lunar and Planetary Institute, and RASSLE (JHUAPL)

Spring 2025 Schedule Wednesday 11AM (Mountain) Northrop Hall 340. Virtual attendance link: <https://sservi.nasa.gov/casa-moon-seminar-series/>.

Speaker	Date	Title/Theme
Carl Agee (University of New Mexico)	January 29 2025	Some New Unique Meteorites from Mars.
James T Keane (JPL)	February 5 2025	Endurance: A Concept for South Pole-Aitken Basin Sample Return and Exploration Rover
Aaron Cavosie (Curtin University)	February 12 2025	Zircon in Black Beauty records a wet pre-Noachian Mars
Chip Shearer (UNM)	February 19 2025	Distribution and composition of early Fe-Ni-Co metal in pyroclastic deposits and implications for degassing.
Dan Moriarty (Goddard Space Flight Center)	February 26 2025	Prospects for Sampling South Pole – Aitken Basin Material in the Artemis Exploration Zone
Prajakta Mane (Lunar and Planetary Institute)	March 5 2025	The Distribution of the Short-Lived Radionuclide ^{92}Nb in the Early Solar System
Karl Hibbitts (JHAPL)	March 26 2025	Analysis Capabilities for Lunar Cryogenic Samples.
Thomas Orlando and Alisha Vira (Georgia Tech)	April 2 2025	TBD
Aaron Bell (University of Colorado)	April 9 2025	Origin and petrogenesis of the angrite parent body
Carolyn Crow (University of Colorado)	April 16 2025	Understanding the chronologic record preserved in zircons.
Ananya Mallik (University of Arizona)	April 23 2025	How hot and wet is the Moon?