

# 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)

Fall 2024 Schedule Wednesday 11AM (Mountain) Northrop Hall 340. Link:

<https://sservi.nasa.gov/casa-moon-seminar-series/>.

Speaker	Date	Title/Theme
<b>Chip Shearer</b> (University of New Mexico)	September 11 2024	The Importance of Sample Return to the Artemis Program.
<b>Alexander Kling</b> (Purdue University)	September 18 2024	Nanoscale storage of solar wind volatiles and their retention on the lunar surface.
<b>Mahesh Anand</b> (Open University)	October 2 2024	Light element volatiles in lunar samples and implications for the Earth-Moon System.
<b>Gordon Osinski</b> (University of Western Ontario)	October 9 2024	The nomenclature of lunar impactites and why we should care.
<b>Steve Elardo</b> (University of Florida)	October 16 2024	A shallow mantle source for the Chang'e 5 lavas reveals how top-down heating prolonged lunar magmatism.
<b>Danielle Adams</b> (Flagstaff Dark Skies Coalition)	October 23 2024	The Moon in Arabian Skies: Stages, Stations and Standstills, Oh My!
<b>Zach Sharp and Peter Olsen</b> (University of New Mexico)	October 30 2024	Building planets through pebble accretion.
<b>Thomas Kruijer</b> (Lawrence Livermore National Laboratory)	November 6 2024	Radiogenic isotopic studies of the Moon.
<b>Brett Denevi</b> (John Hopkins Applied Physics Laboratory)	November 13 2024 NM Space Day	Activities of the Artemis 3 Geology Team.
<b>Monika Kusiak</b> (Institute of Geophysics Polish Academy of Science)	November 20 2024	Understanding the chronologic record preserved in zircons.
<b>Ryan Zeigler</b> (NASA Johnson Space Center)	December 4 2024	The Apollo Sample Suite and its Curation: 55 years of Experience.