

Thursday 2025 February 06		
Time		
08:00-09:00		
08:45-09:00	Opening Remarks	
<b>Observations of Exoplanet Atmospheres in the presence of stellar activity</b>		
09:00-09:15	Ben Rackham (MIT)	Knowing Stars, Knowing Planets: Unlocking JWST Exploration of Exoplanet Atmospheres through New Stellar Insights
09:15-09:30		
09:30-09:45	Arianna Saba (UCL)	A Population Analysis of 20 Exoplanets Observed with HST: Evidence for Widespread Stellar Contamination
09:45-10:00	Annabella Meech (CfA Harvard SAO)	Assessing the impact of stellar inhomogeneities on high-resolution transmission spectroscopy
10:00-10:15	Catriona Anne Murray (Colorado)	Impact of starspot-crossing events on transmission spectra; the first precise panchromatic spectrum of a starspot with JWST
10:15-10:30	Natalie Allen (JHU)	Characterizing the atmosphere of TRAPPIST-1 e in the face of stellar contamination
10:30-11:00	30 min Break	
11:00-11:15	Luis Welbanks (ASU)	Learning about the planet and star with atmospheric inference methods
11:15-11:30		
11:30-11:45	Michael Radica (UChicago)	Promise and Peril: Stellar Contamination and Strict Limits on the Atmosphere Composition of TRAPPIST-1c from JWST NIRISS
11:45-12:00	Daniel Krolikowski (UA)	The Helium NIR Triplet in Young Stars: Stellar Activity and Effects on Exosphere Detection
12:00-12:15	Gloria Canocchi (Stockholm)	Challenging Na detections in the atmospheres of giant planets with 3D non-LTE stellar spectra
12:15-12:30	Ward Howard (Colorado)	Advances in flare mitigation and photochemistry for JWST observations of the TRAPPIST-1 and applications to the EVE
12:30-14:00	<b>Lunch</b>	
<b>Trends in Stellar and Exoplanetary Systems Architectures and Demographics II</b>		
14:00-14:15	Adam Kraus (UT Austin)	The Influence of Stellar Multiplicity on Planet Formation and Evolution
14:15-14:30		
14:30-14:45	Sarah Blunt (UCSC)	Orbit-fitting in the Gaia Era
14:45-15:00	Shishir Dholakia (USQ)	The Occurrence of Long-period, Small Planets around M-dwarfs with TESS
15:00-15:15	Noah Vowell (MSU)	Using Transiting Brown Dwarfs to Define the Planetary Mass Limit
15:15-15:30	Vincent Savignac (UCSD)	Unveiling Gas-Poor Planet Formation Beyond 1 AU: Theoretical Predictions for the Roman Microlensing Surveys
15:30-16:00	30 min Break	
16:00-16:15	Malena Rice (Yale)	Demographics of Star-Planet Orbital Orientations
16:15-16:30		
16:30-16:45	Lou Baya Ould Rouis (BU)	Constraints on Remnant Planetary Systems as a Function of Main-Sequence Mass with HST/COS
16:45-17:00	Rayna Rampalli (Dartmouth)	From Planetary Architectures to Galactic Influences: Understanding Our Sun's Unique(ish) Chemistry
17:00-17:15	John Jacob Zanazzi (UC Berkeley)	Damping stellar obliquities by resonance locking
17:15-17:30	Xianyu Wang (Indiana)	Single-Star Warm-Jupiter Systems Tend to Be Aligned, Even Around Hot Stellar Hosts: No Teff-λ Dependency