

Boston Area Planetary Science Meeting: January 22, 2025

8:30 AM - 9:00 AM: Breakfast

9:00 AM - 9:10 AM

Zifan Lin: Revealing the Origins of Small High-Density Planets

9:10 AM - 9:20 AM

Ana Glidden - JWST-TST DREAMS: Preliminary Reconnaissance of TRAPPIST-1e with JWST NIRSpec PRISM

9:20 AM - 9:30 AM

Jess Cmiel: Characterizing the Radiative-Convective Structure of Dense Rocky Planet Atmospheres

9:30 AM - 9:40 AM

Brackney Pickett: Changes in Pressure and Composition at the M2 layer from SZA and Solar Activity

9:40 AM - 9:50 AM

Lizhou Sha: Confirming the Tidal Tails of the Young Open Cluster Blanco 1 with TESS Rotation Periods

9:50 AM - 10:20 AM: First Coffee Break

10:20 AM - 10:30 AM

Ze-Wen Koh: Lake-breaching Flood Volumes and Early Mars Hydrology

10:30 AM - 10:40 AM

Pete Higgins: Losing Icy Moon Biosignatures in the Abiotic Noise

10:40 AM - 10:50 AM

Mark Gurwell: Solar System Science with the Submillimeter Array

10:50 AM - 11:00 AM

Adam Valantinas: Potential for ancient habitability and deep crustal materials preserved in the rim of Jezero crater, Mars

11:00 AM - 11:30 AM: Second Coffee Break

11:30 AM - 11:40 AM

Rachel Bowens-Rubin: The "Cool Kids on the Block" JWST Survey: The direct detection of cold ice & gas giant exoplanets orbiting young low-mass neighbors

11:40 AM - 11:50 AM

Julien de Wit: JWST Breakthroughs: proof-of-concept correction of stellar contamination and serendipitous detections of the smallest main-belt asteroids

11:50 AM onwards: Lunch

Location: Haller Hall, Geological Museum, 26 Oxford Street, Harvard

