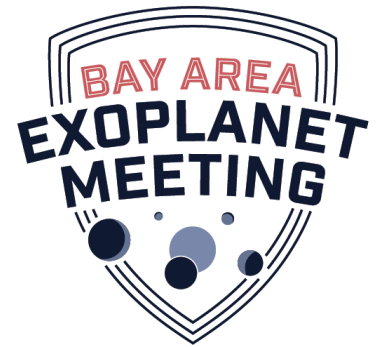


Bay Area Exoplanet Meeting #39

December 3, 2021

Times are PST, all-remote attendance only

Zoom meeting ID:



<https://zoom.us/j/94383425753?pwd=QjZKWUprWUFMTWJuOEgwMGZjSWRkQT09>

Meeting ID: 943 8342 5753

Passcode: BAEM39

AGENDA

08:55 Welcome, introductions via chat

SESSION 1 - Chair: Laurie Chu

09:00 Chao-Chin Yang (University of Nevada, Las Vegas): *The Streaming Instability with Multiple Dust Species in Protoplanetary Disks*

09:20 Matthias Yang He (The Pennsylvania State University): *The Intrinsic Architectures of Planetary Systems: Inter- and Intra-system Correlations*

09:40 Thayne Currie (NASA Ames/Subaru): *Images of Jovian Planet Formation at Wide Separations*

10:05 Arlene Alemán (Stanford University): *Constraining Metallicity and Gravity of Young Exoplanets with the Nancy Grace Roman Space Telescope's Coronagraph Instrument*

10:25 BREAK and chat discussions

SESSION 2 - Chair: Ben Lew

10:35 Megan Tannock (University of Western Ontario): *IGRINS Spectroscopy of the T6 Dwarf 2MASS J08173001-6155158: Verification of Water, Methane, and Ammonia Line Lists and a Near-Infrared Spectroscopic Atlas of a Cold Brown Dwarf*

10:55 Burkhard Militzer (UC Berkeley): *Shape and Tidal Response of Giant Exoplanets*

11:15 Joey Murphy (UC Santa Cruz): *Superdense Sub-Neptunes? The Curious Case of K2-182 b*

11:35 John M. Brewer (San Francisco State University): *Revealing the In-Between: Results from the EXPRES 100 Earths Survey*

11:55 Steven Giacalone (UC Berkeley): *Testing Near Ultraviolet Photoevaporation of Planet Atmospheres by Searching for Short-Period Neptunes around A-type Stars*

12:15 BREAK and chat discussions

SESSION 3: Chair:

12:30 Astro 2020 Discussion Panel: Bruce Macintosh, Courtney Dressing, Jonathan Fortney, Ian Crossfield, Rus Belikov

We will be split up into 5 breakout rooms for discussion.

To facilitate an even distribution of institution, and career-level **please change your Zoom name to:**

Name, Affil., GS/PD/FR based on career level

GS: Grad student or student

PD: Postdoc

FR: faculty or researcher

Notes for breakout discussion:

https://docs.google.com/presentation/d/1Ugopd2QgQGFKAxqd-dAvZDML8FbR2HQqaD_M1sCRxTk/edit?usp=sharing

13:30 Next meeting date (March 4)

Join meeting here:

Topic: Bay Area Exoplanet Meeting # 39

Time: Dec 3, 2021 07:30 AM Pacific Time (US and Canada)

Join Zoom Meeting

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