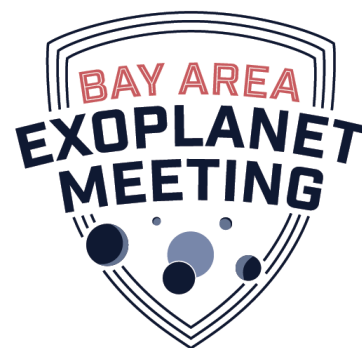


Bay Area Exoplanet Meeting #47

December 13, 2024 at NASA Ames, Building 3 Ballroom

Times are Pacific



AGENDA

9:00 AM Begin arrivals, welcome, coffee at space bar, chat

SESSION 1 - Chair: Tom Greene

09:30 AM Zachary Hartman (ORAU/NASA Ames): *Paving the Way for Future Exoplanet Searches: High Angular Resolution Imaging of Nearby Wide Binaries and Galactic Halo Stars*

9:50 AM Jack Lissauer (NASA Ames): *Updated Catalog of Kepler Planet Candidates: Focus on Accuracy and Orbital Periods*

10:20 AM Yayaati Chachan (UC Santa Cruz): *Planet mass function around M stars at 1-10 au: A plethora of sub-Earth mass objects*

10:40 AM **Break and chat discussions (30 min)**

SESSION 2 - Chair: Artem Aguichine

11:10 AM

11:20 AM Gabriel Munoz Zarazua (San Francisco State University): *What's that smell, Oh it's Ross 458c*

11:40 AM ZJ Zhang (UC Santa Cruz): *Characterizing the self-luminous worlds using ground-based and JWST spectroscopy*

12:00 PM **Lunch (1.5 hours)**

SESSION 3 - Chair: Ehsan Gharib-Nezhad

1:30 PM Eshan Raul (University of Wisconsin—Madison): *The First Steam World: The Atmospheres of Two Water World Candidates Revealed by JWST*

1:50 PM Artem Aguichine (UCSC): *Eenergitac aspect of steam worlds: evolution tracks*

2:10 PM Aritra Chakrabarty (NASA Ames): *Where are the water/steam worlds?*

2:30 PM **End**