

Schedule for Habitable Worlds 2021 Workshop (all times EST)

Wednesday, February 24 Planetary Atmospheres

- 12:00 – 12:09 [Introductory Remarks](#)
Stephen Kane (UC Riverside)
- 12:10 – 12:19 [Theme: “Connecting Models and Observations”](#)
Eliza Kempton (U. Maryland, College Park)
[Plenary Talk:](#) “How Can the Outcome of Atmospheric Models be Tested Through Observation?”
- 12:20 – 12:29 Eric Wolf (U. Colorado, Boulder)
[Plenary Talk:](#) “What Observables are Needed to Better Constrain Atmospheric (GCM) Models?”
- 12:30 – 12:44 Tiffany Jansen (Columbia U.)
[Contributed Talk:](#) “Effects of Rotation Rate on the Habitability of Earth-Like Planets Using NASA’s ROCKE-3D GCM”
- 12:45 – 12:59 Athena Coustenis (Paris Observatory)
[Contributed Talk:](#) “Seasonal Changes in Titan’s Atmosphere from the Cassini Mission”
- 1:00 – 1:14 Kenneth Gordon (U. Central Florida)
[Contributed Talk:](#) “Earth as an Exoplanet: Comparing Earthshine Observations to Models of an Exo-Earth”
- 1:15 – 1:29 Amber Young (Northern Arizona U.)
[Contributed Talk:](#) “Constraining Chemical Disequilibrium Biosignatures for an Earth-Like Exoplanet Using Retrieval Analysis Techniques”
- 1:30 – 2:15 [Panel Discussion: “Connecting Models with Observations”](#)
Athena Coustenis, Kenneth Gordon, Tiffany Jansen, Eliza Kempton, Eric Wolf, Amber Young
- 2:15– 2:30 [Break](#)
- 2:30 – 3:15 [Open Engagement](#) – Session “B”
- 3:15 – 4:15 [Panel Discussion: “Biosignatures and Venus”](#)
Chris Reinhard (UC Riverside), Eddie Schwieterman (UC Riverside), Clara Sousa-Silva (Harvard CfA), Mike Wong (U. Washington)
- 4:15 – 5:00+ [Open Engagement](#) - All