

2020 CESM Workshop				
June 15-17, 2020				
Atmosphere Model Working Group (June/16/2020)				
Time	Title	Presenter	Institution	Topic
8:30 AM	Parameterizing Unified Microphysics Across Scales (PUMAS): an evolution	Andrew Gettelman	NCAR/CGD	clouds
8:45 AM	Ice Microphysical Properties Below -40C based on Seven NSF Flight Campaigns and NCAR CAM6 Model Simulations	Minghui Diao	San Jose State University	clouds
9:00 AM	CAM6 Boundary Layer Evolution Over An Idealized Diurnal Cycle	Richard Neale	NCAR/CGD	PBL
9:15 AM	A new unified boundary layer and convection parameterization CPT project: The multi-plume Eddy-Diffusivity/Mass-Flux (EDMF) approach	Joao Teixeira	UCLA and JPL/Caltech	PBL
9:30 AM	Merging the CLUBB and EDMF frameworks in CAM6: Approach: SCM Results and Next Steps	Mikael Witte	UCLA	PBL
9:45 AM	Turbulent dissipation is not pressure damping: Moving beyond Mellor's single master length scale	Zhun Guo	University of Wisconsin Milwaukee	PBL
10:00 AM	Break			
10:15 AM	Reference Climate of CESM Coupled Aqua and Ridge Planets	Xiaoning Wu	Stony Brook University	idealized
10:30 AM	Simulation of Convectively Coupled Kelvin Waves Using the Single Column Atmosphere Model Coupled to the Damped Gravity Wave Method	I-Kuan Hu	RSMAS: University of Miami	idealized
10:45 AM	The Shifting Scales of Western US Landfalling Atmospheric Rivers Under Climate Change	Alan Rhoades	Lawrence Berkeley National Laboratory	climate
11:00 AM	Tropical Cyclones in Variable-Resolution CAM: Impacts of High-Resolution Grid Extent and Climate Change Forcing	Alyssa Stansfield	Stony Brook University	resolution/climate
11:15 AM	Impact of horizontal resolution on the meteorology and climate of Greenland	Adam Herrington	NCAR/CGD	resolution/climate
11:30 AM	Investigations into the vertical resolution for the next "workhorse" version of CESM	Isla Simpson	NCAR/CGD	resolution
11:45 -12:15 PM	Discussion			