Day 3 Theory / convection (Wednesday, July 4th)

Adam: Zonally varying ITCZs in a Matsuno-Gill-type model with an idealized Bjerknes feedback

Blanco: Modulation of tropical cloud cluster motion by Super Cloud Clusters

Byrne: Response of the ITCZ to climate change: location, width and strength

Colose: Exotic Hydroclimates: From Dune to Lobster Convection on tidally-locked worlds

Ganai: Impact of revised simplified Arakawa-Schubert scheme on the simulation of mean and diurnal variability associated with active and break phases of Indian Summer Monsoon using CFSv2

Kang: The teleconnection between Madden Julian Oscillation and Sudden Stratospheric

Kucharski: Ekman Pumping Mechanism Driving Precipitation Anomalies in

Munoz: Onset and demise of the (North and South) American monsoon system: a unifying view of cross-equatorial fluxes

Popp: The influence of spatial organization of convection within the ITCZ on the large-scale circulation

Recchia: Conceptual models of Indian monsoon onset

Rencurrel: Exploring the Robust Hadley Cell Response to Ocean Heat Transport Changes

Talib: The impact of atmosphere-ocean coupling on the sensitivity of the Intertropical Convergence Zone to convective mixing

Varuolo-Clarke: Topographic Influences on the North American Monsoon in the Community Atmosphere Model

Voigt: Robust and non-robust impacts of atmospheric cloud-radiative interactions on the tropical circulation and its response to surface warming