

## **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*