

Advanced Atmospheric and Oceanic Sciences Lecture Series

Venue: NUIST Meteorology Building First Floor Convention Hall

Day 1 (June 14)

8:30am – 9:30am **Hans von Storch**: Downscaling: empirical and dynamical, atmosphere and ocean

9:30am – 10:30am **Guang-Jun Zhang**: Convection parameterization: where do we go from here?

10:30am – 11:30am **James L. Kinter**: Decadal Variation in Seasonal Predictability - A Half Century of Coupled Reforecasts

Lunch Break

2:00pm – 3:00pm **In-Sik Kang**: A Grey Zone GCM

3:00pm – 4:00pm **Bin Wang**: Madden-Julian Oscillation: a trio-interaction theory and modeling issues

4:00pm- 5:00pm Questions and Answers

Day 2 (June 15)

8:30am – 9:30am **R. H. Kripalani**: Tele-connections of Monsoon Variability over South and East Asia: A Review

9:30am – 10:30am **Zong-Liang Yang**: Multi-scale Climate–Land Interaction and Hydrological Extremes

10:30am – 11:30am **Laurent Li**: Atmospheric general circulation and the Hadley cell

Lunch Break

2:00pm – 3:00pm **Xiu-Qun Yang**: Asymmetry of ENSO and its rectification effect

3:00pm – 4:00pm **Tim Li**: Formation mechanisms of super El Ninos: traditional versus special 2015 event

4:00pm- 5:00pm Questions and Answers