

AGENDA

July 31st Monday Morning Chair: Yongyun Hu	
8:30-9:00	Jie Wang, Yongyun Hu: Opening remarks
9:00-10:20	Eli Tziperman: Clouds in warm climates (talk) (PDF)
10:20-10:40	Coffee break
10:40-12:00	Zhiming Kuang: Some applications of linear response functions: the stability of moist convecting atmospheres and the dynamics of the annular mode (talk) (PDF)
12:00-12:15 Group photo in front the Building of Physics	
12:15-14:00 Lunch	
July 31st Monday Afternoon Chair: Jun Yang	
14:00-15:30	Zhiming Kuang: Understanding cumulus convection through novel diagnostics of cloud-resolving models (short course) (PDF)
15:30-16:00	Coffee break
16:00-17:30	Eli Tziperman: Introduction to big data methods: clustering, classification, neural networks (short course) (PDF)
17:30-20:00 Dinner	
August 1st Tuesday Morning Chair: Yonggang Liu	
9:00-10:20	Yongyun Hu: Decadal Changes of the Hadley circulation (talk) (PDF)
10:20-10:40	Coffee break
10:40-12:00	Peter Huybers: Reconciling and constraining estimates of equilibrium climate sensitivity (talk) (PDF)
12:00-14:00 Lunch	
August 1st Tuesday Afternoon Chair: Peter Huybers	
14:00-15:30	Zhengyu Liu: Climate forcing of atmospheric and oceanic meridional heat transports (talk) (PDF)
15:30-16:00	Coffee break
16:00-17:30	Peter Huybers: Extreme temperatures: trends, patterns, and prediction (short course) (PDF)
17:30-20:00 Dinner	
August 2nd Wednesday Morning Chair: Lin Zhang	
9:00-10:20	Yonggang Liu: Warming and cooling effect of dust on climate of the past (talk) (PDF)
10:20-10:40	Coffee break
10:40-10:50	Leah Rosovsky: Remarks
10:50-12:10	Daniel Jacob: Making sense of air quality (talk) (PDF)
12:00-14:00 Lunch	

August 2nd Wednesday Afternoon Chair: Lin Zhang

14:00-15:30	Jintai Lin: Globalizing air pollution (talk) (PDF)
15:30-16:00	Coffee break
16:00-17:30	Daniel Jacob: Chemical transport models (short course) (PDF)
17:30-20:00	Dinner

August 3rd Thursday Morning Chair: May Fu

9:00-10:20	Steve Wofsy: Learning about emissions of greenhouse gasses and pollutants from atmospheric measurements (talk) (PDF)
10:20-10:40	Coffee break
10:40-12:00	Lin Zhang: Atmospheric reactive nitrogen: sources, sinks, and impacts on air quality (talk) (PDF)
12:00-14:00	Lunch

August 3rd Thursday Afternoon Chair: Jintai Lin

14:00-15:30	Steve Wofsy: How to avoid the five deadly sins of data analysis (short course) (PDF)
15:30-16:00	Coffee break
16:00-17:30	Shu Tao: Compilation and application of the PKU emission inventories (talk) (PDF)
17:30-20:00	Dinner

August 4th Friday Morning Chair: Jintai Lin

9:00-10:20	Joel Schwartz: Why do we think that air pollution is killing people? (talk) (PDF)
10:20-10:40	Coffee break
10:40-12:00	Tong Zhu: The Health Effects of Air Pollution in China (talk) (PDF)
12:00-14:00	Lunch

August 4th Friday Afternoon Chair: Joel Schwartz

14:00-15:30	Joel Schwartz: Causal modeling methods in epidemiology applied to the health effects of air pollution (short course) (PDF)
15:30-16:00	Coffee break
16:00-17:30	May Fu: Good (and bad) practices for effective scientific illustration (short course) (PDF)
17:30-17:40	Yongyun Hu: Closing remarks
17:30-20:00	Dinner