

> Typhoon Symposium and HWRF Model Tutorial

Typhoon Symposium 30 November Venue: Lecture Hall, Meteorology Building	
08:30-09:00	Opening ceremony Chair: Liguang Wu
09:00-09:20	Photo
09:20-11:50	Chair: Liguang Wu
09:20-10:00	TBD Lianshou Chen (invited) Chinese Academy of Meteorological Sciences
10:00-10:25	Improved global tropical cyclone forecasts from NOAA: Lessons learned and path forward Vijay Tallapragada NOAA/NWS/NCEP/EMC
10:25-10:35	Discussion and tea/coffee break
10:35-11:00	Quadrant-dependent evolution of low-level tangential wind in the sheared tropical cyclones Zhe-Min Tan Nanjing University
11:00-11:25	Introduction of a conceptual model for tropical cyclone intensification rate Yuqing Wang University of Hawaii
11:25-11:50	The asymmetric climatology distribution of convection in tropical cyclone over the western North Pacific Jianfang Fei PLA University of Science and Technology
12:00	Lunch (restaurant at Nanqi Hotel)

14:30-17:15	Chair: Yuqing Wang
14:30-14:55	The effects of moist frontogenesis and lower-stratospheric warmth on the intensity, size and structural changes of Hurricane Sandy (2012) Da-Lin Zhang University of Maryland
14:55-15:20	Preliminary evaluation of the first rocket-deployed dropsonde observations in an offshore typhoon: A project EXOTICA case study in STY Mujigae(2015) Jie Tang Shanghai Typhoon Institute
15:20-15:45	Ocean model impact on tropical cyclone forecasts Hyun-Sook Kim Center for Weather & Climate Prediction, NOAA
15:45-16:00	Discussion and tea/coffee break
16:00-16:25	Increasing proportion of the most intense typhoons over the past 45 years Liguang Wu Nanjing University of Information Science and Technology
16:25-16:50	Community involvement with the HWRF model: the role of the Developmental Tested Center Ligia Ribeiro Bernardet Developmental Testbed Center, NCAR
16:50-17:15	Promises and challenges of satellite data assimilation for hurricanes Xiaolei Zou Nanjing University of Information Science and Technology
18:30	Dinner (restaurant at Nanqi Hotel)



Hurricane WRF Tutorial

I December

Venue: Lecture Hall, Meteorology Building

09:00-09:30	Opening, logistic and introductions of tutorial staff and participants NUIST hosts, V. Tallapragada, L. Bernardet
09:30-10:00	HWRF overview Z. Zhang
10:00-10:30	Initialization overview L. Bernardet
10:30-11:00	Discussion and tea/coffee break
11:00-11:30	Physics V. Tallapragada
11:30-12:00	HWRF multistorm X. Zhang
12:00	Lunch (restaurant at Nanqi Hotel)
13:30-14:00	Code structure and compilation C. Holt
14:00-14:30	How to run HWRF L. Bernardet
14:30-17:30	Practical Session
17:30	Dinner (restaurant at Nanqi Hotel)



2 December

09:00-09:30	Vortex initialization Q. Liu
09:30-10:00	Dynamics and nesting S. Trahan
10:00-10:30	Discussion and tea/coffee break
10:30-11:00	Data assimilation M. Tong
11:00-11:30	Ocean coupling 1: POM-TC C. Holt
11:30-12:00	Ocean coupling 2: HYCOM H. -S. Kim
12:00	Lunch (restaurant at Nanqi Hotel)
13:30-14:00	Post-processing C. Holt
14:00-14:30	External Vortex Tracker S. Trahan
14:30-15:00	Idealized simulation L. Bernardet
15:00-17:30	Practical Session
17:30	Dinner (restaurant at Nanqi Hotel)

