

Program of the 1st International Workshop of the Southern China Monsoon Rainfall Experiment (SCMREX)

Beijing, China, 12-13 April 2017

Date	Time	Program	Speaker	Chair
Wednesday 12 April	8:30-9:00	Opening ceremony, Group photo		
	9:00-9:25	Introduction to SCMREX	Yali LUO (罗亚丽)	Xudong LIANG (梁旭东)
	9:25-9:45	Observation and Data Analysis of Cloud and Precipitation at Longmen Station in 2016 SCMREX	Zheng RUAN (阮征)	
	9:45-10:05	Statistical Characteristics of the Raindrop Size Distributions and their Retrieved Polarimetric Parameters During SCMREX	Xiangtong LIU (刘显通)	
	10:05-10:25	CPOL Radar Detection and Preliminary Analysis of Heavy Rainfall in South China	Bin WANG (王斌)	
	10:25-10:45	Kinematical and Microphysical Structure of a Squall Line during SCMREX	Kun ZHAO (赵坤)	
	10:45-11:00	Coffee break		
	11:00-11:20	Observation and Parameterization of Cloud Microphysical Processes	Xueliang GUO (郭学良)	Wai Kin WONG (黄伟健)
	11:20-11:40	Introduction of FY-4 Satellite and the Developing Convection Product	Danyu QIN (覃丹宇)	
	11:40-12:00	Tropical Cyclones-pacific Asian Research Campaign for Improvement of Intensity Estimations/Forecasts (T-PARCII): A Research Plan of Typhoon Aircraft Observations in Japan	Kazuhisa Tsuboki	
	12:00-12:20	The Optimized Hydrometeor Classification Algorithm for Polarimetric Radars in South China	Chong WU (吴翀)	
	12:20-14:00	Lunch		
	14:00-14:20	Synoptic and Mesoscale Processes Associated with Extreme Convective Rainfall	Richard Johnson	Richard Johnson
	14:20-14:40	Stage-dependent Predictability of a Heavy-rainfall Event in South China: An	Zhiyong MENG	

		Ensemble-based Analysis	(孟智勇)	
	14:40-15:00	Operational QPF Progress and Scientific Research on Heavy Rain in South China during the Pre-summer Rainy Season	Zhiping ZONG (宗志平)	
	15:00-15:20	A Comparison and Relationship Between Two Consecutive Heavy-rainfall Events during SCMREX-2014	Yangruixue CHEN (陈杨瑞雪)	
	15:20-15:40	An Extreme Rainfall Event Associated with a Mesoscale Outflow Boundary and Multiple Rainbands over Guangdong Coastal Areas during SCMREX-2014	Xi LIU (刘希)	
	15:40-15:55	Coffee Break		
	15:55-16:15	Recent Heavy Rainfall Events over South Asia	Ajit Tyagi	
	16:15-16:35	Evaluation of the Met Office Unified Model for a SCRMEX Case Study	Kalli Furtado	
	16:35-16:55	Lightning Activity Characteristics as Indicated by Lightning Location System in Guangdong	Dong ZHENG (郑栋)	Ben Jong-Dao JOU (周仲岛)
	16:55-17:15	Diurnal Variations of Pre-Summer Rainfall over Southern China	Zhina JIANG (姜智娜)	
	17:15-17:35	Mesoscale Observational Analysis of Lifting Mechanism of a Warm-Sector Convective System Producing the Maximal Daily Precipitation in China Mainland during Pre-summer Rainy Season of 2015	Mengwen WU (吴梦雯)	
	18:00-	Banquet		
Thursday 13 April	8:30-8:50	Key Microphysical Factors Impact the Simulation of Squall Lines	Yanluan LIN (林岩鏊)	Zhiyong MENG (孟智勇)
	8:50-9:10	Recent progress of Monitoring and Forecast Techniques of Significant Weather in Southern China	Wei Kin WONG (黄伟健)	
	9:10-9:30	Cloud-resolving Heavy-rainfall Quantitative Precipitation Forecasts and Ensemble Strategy	Chung-Chieh WANG (王重傑)	
	9:30-9:50	Stochastic Physics Perturbations for Ensemble Forecast and Application	Yuejian ZHU (朱跃建)	
	9:50-10:10	The Sensitivity Analysis of Ensemble Perturbation Methods for a Heavy Rainfall Case in South China	Jing CHEN (陈静)	

	10:10-10:30	Application of Convection-permitting Ensemble Prediction System in South China: Preliminary Results of QPFs during SCMREX	Xubin ZHANG (张旭斌)	
	10:30-10:45	Coffee Break		
	10:45-11:05	Evaluation and Application of the High Resolution Models from the 2013-2016 NMC TESTBED Warm-season Experiments	Xiaoling ZHANG (张小玲)	Yuejian ZHU (朱跃建)
	11:05-11:25	Evaluation of Quantitative Precipitation Forecast by TIGGE Ensembles for South China during the Pre-summer Rainy season	Ling HUANG (黄龄)	
	11:25-11:45	A High Resolution Weather Forecast Regime in India: Focus on Extreme Events	Parthasarathi Mukhopadhyay	
	11:45-12:05	Assimilating Doppler Radar Observations with an Ensemble Kalman Filter for Convection-permitting Prediction of Convective Development in a Heavy Rainfall Event during the Pre-summer Rainy Season of South China	Xinghua BAO (宝兴华)	
	12:05-12:25	Impact of Assimilating Wind Profiling Radar Observations on Convection-permitting QPFs during SCMREX	Xubin ZHANG (张旭斌)	
	12:25-14:00	Lunch		
	14:00-17:30	Discussion		Yali LUO (罗亚丽) Xudong LIANG (梁旭东)