

关于“气象雷达与微波辐射遥感的降水预报和模拟应用”

会议安排

Workshop "Application of Meteorological radar and microwave radiometry in precipitation prediction and modeling"

会议名称: 气象雷达与微波辐射遥感的降水预报和模拟会议

Name: Application of Meteorological radar and microwave radiometry in precipitation prediction and modeling

会议地点: 上海市宝山气象局会议室

Venue: Shanghai Baoshan Meteorological Service
Youyi Road 1888, Baoshan District, Shanghai

会议时间: 2019年9月23日9:30点-17点

Time: 9:30-17pm, 23.09.2019

会议主题:

针对目前国际上关注的气象雷达和微波辐射计在定量降水观测、降水物理过程和实时天气预报等方向的应用,讨论主被动微波遥感对降水预报和降水模型的改善。

Theme:

The workshop focuses on applications of meteorological radar and microwave radiometers in quantitative precipitation estimates (QPE), microphysical processes and nowcasting, to improve precipitation prediction and modeling.

参会人员 Attendees:

上海市宝山区气象局: 吴峻石(局长)

Shanghai Baoshan Meteorological Service: Wu Junshi (Director)

上海市气象信息与技术支持中心: 陈浩君(副主任)

Shanghai Meteorological Information and Technology Support Center : Chen Haojun

上海市生态气象与卫星遥感中心: 彭杰(博士)

Shanghai Ecological Forecasting and Remote Sensing Center: Peng Jie

德国波恩大学气象系(meteorological institute of Bonn University, Germany): Clemens

Simmer (教授), Silke Troemel (教授), Raquel Evaristo (博士), Ricardo

Reinoso-Rondinel (博士), Mari Schmidt (博士生), Ju-Yu Chen (博士生)

上海航天测控通信研究所(804): 谢鑫新(高工), 李雪, 孟婉婷, 张软玉, 董克松, 李恩晨, 王平凯

Shanghai Spaceflight Institute of TT&C and Telecommunication (SSITT): Xie Xinxin, Li Xue, Meng Wanting, Zhang Ruanyu, Dong Kesong, Li Enchen, Wang Pingkai

会议安排 Schedule

9:30-10:00	会议介绍 (Workshop introduction) 自我介绍 Self-Introduction	30min	All
10:00-10:10	航天研究所介绍 (SSITT Introduction)	10min	Xinxin
10:10-10:20	The (former) Meteorological Institute in Bonn	10min	Clemens
10:20-11:00	1. 宝山区气象局综合观测基地现场介绍 <i>in site introduction to Baoshan Meteorological Observing Station</i> 2. <i>Take photos</i> 3. <i>Coffee break</i>	40min	Junshi
11:00-11:20	Optimizing the Radar-based QPE by Concurrently Utilizing S- and C-band Dual-polarimetric Radars	20min	Ju-Yu
11:20-11:40	Nowcasting of stratiform rain exploiting signatures in the dendritic growth layer	20min	Silke
11:40-12:00	Radar-based Probabilistic Nowcasting	20min	Ricardo
12:00-12:20	Sizing and Nowcasting Severe Hail Exploiting a Polarimetric C-band Radar Network	20min	Mari
12:20-13:30	1. <i>Lunch time</i> 2. <i>Visit Typhoon lab</i>	70min	
13:30-13:50	Shanghai Urban AWR Network Experiment	20min	Chen Haojun
13:50-14:10	The cloud radar and its preliminary application in Shanghai	20min	Peng Jie
14:10-14:30	Refreezing signature and winter HCA	20min	Raquel
14:30-14:50	Towards Seamless Prediction	20min	Clemens
14:50-15:20	<i>Coffee break</i>	30min	
15:20-15:40	Rainfall retrieval from FY-3B MWRI brightness temperature using the global profiling algorithm (GPROF)	20min	Ruanyu
15:40-16:00	Nonlinear Characteristics of FY-3D Microwave Radiation Imager and an optimal calculation method	20min	Kesong