

2015 Taipei Severe Weather and Extreme Precipitation Workshop Oral Session

(A) Date:

25-27 May 2015

(B) Venue:

2nd Conference Room, 3rd Floor,

Humanities and Sciences Building (HSSB)

Academia Sinica

Address: 28 Academia Road, Section 2, Nankang, Taipei 11529, Taiwan

#24 in the Academia Sinica Campus map

(http://www.sinica.edu.tw/as/map/asmap_e.pdf)

(C) Visa information:

Please refer to Taiwan Ministry of Foreign Affairs web page at:

<http://www.boca.gov.tw/lp.asp?ctNode=777&CtUnit=77&BaseDSD=7&mp=2>

(D) Hotel/Accommodation:

We recommend you may stay inside Academia Sinica (AS) during the workshop.

AS has guest room in the Activities Center. Please refer to this link:

<http://www.ifs.sinica.edu.tw/item2-7.html>

If there is no vacancy available, you may consider to stay in the City Lake Hotel (<http://www.citylake.com.tw/>) because they provide shuttle bus service (8:00, 8:30, 9:00AM, reservation needed) to AS, with discount rate NT\$2783 (tax and breakfast included). You may need to mention you are AS visitor when you are making the reservation.

2015 Taipei Severe Weather and Extreme Precipitation Workshop
Oral Session

Day	Time	Program	Oral presentation title / Speaker (affiliation)	Session Chair
Day 1 25 May (Mon.)	08:30-09:00	Registration		
	09:00-09:20	Opening Remark & Workshop Announcement		
		Yu Wang Vice President of Academia Sinica		
		Pao K. Wang Director, Research Center for Environmental Changes, Academia Sinica		
	09:20-10:00	Keynote (I)	Analysis of an intense tropical-like cyclone over the western Mediterranean Sea through a combined modeling and satellite approach Vincenzo Levizzani Italian National Council of Research, Institute of Atmospheric Sciences and Climate, Italy	Pay-Liam Lin NCU, Taiwan
	10:00-10:25	O-101	Cases Studies and Sensitivity Analyses of Satellite Derived CAPE Instability Indices Mária Putsay Hungarian Meteorological Service, Hungary	
	10:25-10:50	O-102	Impact of Climate Change on the Precipitation Extremes Associated with Tropical Cyclones Cheng-Ta Chen NTNU, Taiwan	
	10:50-11:20	Group Photo /Break		
	11:20-11:45	O-103	Problems and progress on radiance assimilation in cloudy regions Jun Li UW-Madison/CIMSS, USA	Cheng-Ta Chen NTNU, Taiwan
	11:45-12:10	O-104	Applications of a New Tropical Cyclone Initialization Scheme on Improving TC Track, Intensity and Structure Forecasts Yi-Leng Chen (Presenter: Pay-Liam Lin) Department of Atmospheric Sciences, University of Hawaii at Manoa, USA	
12:10-13:30	Lunch			
13:30-13:55	O-105	Interannual Variations of the East Asian Winter Rainfall Characteristics	Chung-Chieh Wang	

2015 Taipei Severe Weather and Extreme Precipitation Workshop
Oral Session

			Lishan Tseng NTNU, Taiwan	NTNU, Taiwan
13:55-14:20	O-107	The Climatology of Taiwan Extreme Rainfall Events – Temporal and Spatial Characteristics of Extreme Rainfall in Past 55 Years	Shih-Hao Su PCCU, Taiwan	
14:20-14:45	O-108	The Impacts of Four Ices Microphysics Scheme on the Simulation of Heavy Rainfall over Taiwan during 10-12 June 2012	Pay-Liam Lin NCU/ATM, Taiwan	
14:45-15:20	Break			
15:20-15:45	O-109	Medium-Range Cloud-Resolving Typhoon Rainfall Ensemble Forecasts for Taiwan through Time-Lagged Approach: Strategy and Performance	Chung-Chieh Wang NTNU, Taiwan	Lishan Tseng NTNU, Taiwan
15:45-16:10	O-110	The Vertical Wind Shear Induced Secondary Circulation Asymmetry of the Tropical Cyclone	Kun-Hsuan Chou PCCU, Taiwan	
16:10-16:35	O-111	Extended Ensemble Quantitative Precipitation Nowcasting Using Pattern Recognition Technique on Radar Observation and CWB WRF Ensemble Prediction System	Trengshi Huang Weather Forecast Center, Central Weather Bureau, Taiwan	
16:35-17:00	O-112	Fall Attitude, Diffusion Growth and Sublimation of Graupel and Hailstones	Chih-Che Chueh RCEC, Academia Sinica, Taiwan	

2015 Taipei Severe Weather and Extreme Precipitation Workshop
Oral Session

Day	Time	Program	Oral presentation title / Speaker (affiliation)	Session Chair
Day 2 26 May (Tue.)	08:30-09:00	Registration		
	09:00-09:40	Keynote (II)	Storm top evolution in experimental 2.5-minute MSG rapid scan data Martin Setvak Czech Hydrometeorological Institute	Ming-Jen Yang NTU, Taiwan
	09:40-10:05	O-201	High Time Resolution Physics and Dynamics of the Top of Simulated Severe Thunderstorms Pao K. Wang RCEC, Academia Sinica, Taiwan	
	10:05-10:30	O-202	Microphysics of Stratospheric Cirrus Clouds Retrieved by A-Train Constellation Suginori Iwasaki National Defense Academy, Kanagawa, Japan	
	10:30-11:00	Break		
	11:00-11:25	O-203	A Numerical Study on the Growth of Large Falling Hydrometeors Kai-Yuan Cheng University of Wisconsin-Madison, USA	Shih-Hao Su PCCU, Taiwan
	11:25-11:50	O-204	The Impact on Water Budget and Precipitation Efficiency by Terrain: Simulation Results for an Idealized Squall Line Ming-Jen Yang NTU/AS, Taiwan	
	11:50-12:15	O-205	The vertical profiles of convection revealed from surface radar reflectivity in Taiwan Chia-Chi Wang PCCU, Taiwan	
	12:15-13:30	Lunch		
	13:30-15:15	Poster Session		
	15:15-15:45	Break		
	15:45-16:10	O-206	The Blue Luminous Events over Cloud Top Observed by ISUAL Payload Onboard FORMOSAT-2 Satellite Cheng-Ling Kuo NCU, Taiwan	Suginori Iwasaki National Defense Academy, Japan

2015 Taipei Severe Weather and Extreme Precipitation Workshop
Oral Session

	16:10-16:35	O-207	The Characteristics of Tropical Overshooting Top from the Aspect of NASA A-Train Observations Chian-Yi Liu NCU/CSRSR/ATM, Taiwan	
	16:35-17:00	O-208	Evaluation of GPS Radio Occultation Data Impact in the Upper Air for Typhoon Prediction Hui-Wen Lai NCU/CSRSR, Taiwan	

2015 Taipei Severe Weather and Extreme Precipitation Workshop
Oral Session

Day	Time	Program	Oral presentation title / Speaker (affiliation)	Session Chair
Day 3 27 May (Wed.)	08:30-09:00	Registration		
	09:00-09:40	Keynote (III)	Compound Effects of Anomalous Sea Surface Temperature and Ice on Extreme Circulation in Winter of 2013–2014 Huang-Hsiung Hsu RCEC, Academia Sinica, Taiwan	Chian-Yi Liu NCU, Taiwan
	09:40-10:05	O-301	Mapping extreme precipitation 'hotspots' based on short-wave circulations Shih-Yu (Simon) Wang Utah State University, USA	
	10:05-10:30	O-302	The Line Echo Wave Pattern Associated with the Outer Rainband in Typhoon Matmo (2014) Chih-Hsien Wei PCCU, Taiwan	
	10:30-10:55	O-303	Remote sensing and in-situ monitoring techniques Balaji Kumar Seela RCEC/TIGP, Academia Sinica, Taiwan	
	10:55-11:15	Break		
	11:15-11:45	Panel Discussion		
	11:45-12:00	Concluding & Closing Remarks		
		Lunch		