





PMM Agenda FY 2018

as of 15th Jan.

Date	Start	End	No.	Speaker	Institution	Title	Room		
1/23 (Wed)	9:30	-	9:40	10	Riko Oki	JAXA	Opening Remarks	Hole4B	
	9:40	-	10:00	20	Riko Oki	JAXA	Japanese TRMM and GPM Science Status		
	10:00	-	10:20	20	Scott A. Braun	NASA	US TRMM and GPM Status		
	10:20	-	10:40	20	1	Shoichi Shige	Kyoto University		Improvement of GSMaP microwave radiometer and SLH algorithms for the GPM era
	10:40	-	11:00	20	2	Tomoo Ushio	Osaka University		Improvement of the High Resolution GSMaP
	11:00	-	11:20	20	3	Atsushi Higuchi	Chiba University		Development of precipitation-related-variables detection by using geostationary meteorological satellites, and application these to GSMaP
	11:20	-	11:40	20	4	Nai-Yu Wang 	University of Maryland		Evaluation of GsMAP Radiometer Rain Retrievals
	11:40	-	13:10	90	Lunch break				
	13:10	-	13:30	20	5	Geun-Hyeok Ryu	Korea Meteorological Administration		Development of precipitation retrieval technique and precipitation composite using multi-microwave satellite over East Asia
	13:30	-	13:50	20	6	Vladimir Karaev	Institute of Applied Physics, Russian Academy of		Development and evaluation of algorithms for retrieval information about the ice cover of the internal waters and the snow cover of the land surface as the extension of possibilities of Dual-Frequency Precipitation Radar in remote sensing
	13:50	-	14:10	20	7	Daniel Vila	Instituto Nacional de Pes		Validation Activities over South America: Performance of GPM-GSMaP on daily scale and possible nowcasting applications
	14:10	-	14:30	20	8	PHAM THI THANH NGA	Vietnam National Satellite Center		Investigation of precipitation characteristics associated with Tropical Cyclones(TC) making landfall in the central region of Vietnam by using GPM satellite data and TC-induced flooding by using GSMaP data
	14:30	-	14:50	20	9	Mohamed RASMY	Public Works Research Institute(PWRI)		Maximize the Value of GPM and GSMaP data for flood forecasting, drought monitoring, and disaster early-warnings in the developing regions.
	14:50	-	15:10	20	Break				
	15:10	-	15:30	20	10	Ryo Oyama	Japan Meteorological Research Institute		Study to evaluate contribution of the latent heating to typhoon warm core formation
	15:30	-	15:50	20	11	Oliver C. SAAVEDARA VALERIANO	Universidad Privada Boliviana		Application of satellite based precipitation to analyze water cycle variability in South-America
15:50	-	16:10	20	12	Raaj Ramsankaran	Indian Institute of Technology Bombay	Error Characterization of GPM-GSMAP NRT Multi Satellite Rainfall Estimates(SRE)over India		
16:10	-	16:30	20	13	Masafumi Hirose	Meijo University	Evaluation of high-resolution precipitation climatology based on two spaceborne radar data		
16:30	-	16:50	20	14	Kusuma G Rao	Institute for Advanced Research in Science, Bangalore	Monsoon activity and precipitation in and around India-trend in Extreme Events		
16:50	-	17:10	20	15	Hiroshi Takahashi	Tokyo Metropolitan University	A climatological study on precipitation characteristics over the Asian monsoon simulated by a regional climate model		
17:10	-	17:30	20	16	Yukari N. Takayabu	The University of Tokyo	Study on precipitation systems from mid-latitudes to the tropics for GPM SLH latent heating retrievals		

1/24 (Thu)	9:00	-	9:20	20		Toshio Iguchi	NICT	Status of the DPR Level 2 algorithm development	Hole4B
	9:20	-	9:40	20	17	Shinta Seto	Nagasaki University	The improvement of DPR-L2 precipitation retrieval algorithms	
	9:40	-	10:00	20	18	Jun Awaka	Tokai University	Development of the GPM DPR L2 rain type classification module□	
	10:00	-	10:20	20	19	Kazumasa Aonashi	Japan Meteorological Research Institute	The next-generation MWI precipitation retrieval algorithm using multi-regime physical variable PDFs derived from the TRMM & GPM statistics	
	10:20	-	10:40	20		Break			
	10:40	-	11:00	20	20	Andrew J. Heymsfield 	University Corporation for Atmospheric Research (UCAR)	Improved Estimates of Snowfall Rate and Global Snow Precipitation from the GPM and TRMM Satellite Radars	
	11:00	-	11:20	20	21	Takahisa Kobayashi	Central Research Institute of Electric Power Industry	Simulation-based study for the evaluation of space-borne and ground-based radar measurements	
	11:20	-	11:40	20	22	Toru Terao 	Kagawa University	Validation of the GPM products over the complex terrain in the heavy rainfall area in the northeastern Indian subcontinent.	
	11:40	-	12:00	20	23	Kenichi Ueno	Tsukuba University	Validation and comparion of GPM data with point measured precipitation amount and phase in Japanese Alps	
	12:00	-	13:30	90		Lunch break			
	13:30	-	13:50	20	24	Yoshihiro Iijima	Mie University	North eastern Eurasia PMM Terrestrial UNited validation Experiment (NEPTUNE)	
	13:50	-	14:10	20	25	Masaki Katsumata	JAMSTEC	Validation of GPM/DPR on the oceanic precipitating clouds by utilizing the data from R/V Mirai onboard instruments	
	14:10	-	14:30	20	26	Sento Nakai	NIED	Observational study of particle size-velocity distribution and vertical profile of dry and wet snowfall	
	14:30	-	14:50	20	27	Hiroyuki Konishi	Osaka Kyoiku University	Ground based snow particle observation including the records of the snow particle microphotographs to contribute to improvement of GPM algorithms	
	14:50	-	15:10	20	28	Kenji Suzuki	Yamaguchi University	Microphysical observations of solid precipitation for GPM/DPR algorithm validation	
	15:10	-	15:30	20		Break			
	15:30	-	15:50	20	29	Kenji Nakamura	Dokkyo University	Field Experiments for the DPR algorithm development	
	15:50	-	16:10	20	30	Hirohiko Masunaga	Nagoya University	Inter-comparison of global rainfall data products for the improvement of satellite rainfall algorithms	
	16:10	-	16:30	20	31	Hyungjun Kim	The University of Tokyo	Extended Validation Strategy for Satellite Precipitation Retrieval Considering Physical Conditions of Land Atmosphere	
	16:30	-	16:50	20	32	Nobuhiro Takahashi	Nagoya University	Analytical study on the fine structure of precipitation system by using TRMM end of mission experimental data and the evaluation of the drop size distribution product of GPM/DPR	
16:50	-	17:10	20	33	Udai Shimada	Japan Meteorological Research Institute	Development of a statistical forecast model of tropical cyclone intensity by using GPM and GSMaP data		
17:10	-	17:30	20	33	Koji Sassa	Kochi University	Local radar network in Kochi Prefecture		
1/25 (Fri)	9:00	-	9:20	20	34	Masahiro Kazumori	Japan Meteorological Agency	All-sky assimilation of GMI radiance observations for JMA global numerical weather prediction model	Hole5A
	9:20	-	9:40	20	35	Yasutaka Ikuta	Japan Meteorological Agency	Establishment of GPM/DPR Data Assimilation Method in Hybrid Data Assimilation System Based on Next-Generation Non-Hydrostatic Model ASUCA at JMA	
	9:40	-	10:00	20	36	Kenji Taniguchi	Kanazawa University	Development of EnKF data assimilation technique for hydrometeors with multi-satellites microwave brightness temperatures	
	10:00	-	10:20	20	37	Takemasa Miyoshi 	RIKEN	Enhancing Data Assimilation of GPM Observations	
	10:20	-	10:40	20	38	Munehiko Yamaguchi	Japan Meteorological Research Institute	Comprehensive product development for monitoring and predicting severe weather events using GSMaP and ensemble forecasts	
	10:40	-	11:00	20	39	Jun Matsumoto	Tokyo Metropolitan University	Validation and utilization of GPM data for hydrological forecasting in the Red River basin, Vietnam	
	11:00	-	12:00	60		A-CCP Discussion			
	12:00	-	12:05	5		Closing Remarks			
	12:05	-	13:30	85		Lunch break			
	13:30	-	17:00	210		PMM利用検討委員会			