PMM Agenda FY 2020

Presentation time includes 3 minutes Q&A

Date	Start		End	No.		Speaker	Institution	Title	Chair
12/17 (Thu)	9:15	-	9:25	10		Riko Oki	JAXA	Opening Remarks	Yukari Takayabu (The University of Tokyo)
	9:25	-	9:40	15		Takuji Kubota	JAXA	JAXA Status	
	9:40	-	9:55	15		Kei Yoshimura	JAXA (The University of Tokyo)	Today's Earth status	
	9:55	-	10:10	15		Scott A. Braun	NASA	US TRMM and GPM Status	
	10:10	-	10:25	15		Katsuhiro Nakagawa	NICT	NICT Status	
	10:25	-	10:37	12		Nobuhiro Takahashi	DPR L2 Algorithm Team	DPR Algorithm Status	
	10:37	-	10:49	12	1	Shinta Seto	Nagasaki University	Improvement of the utilization of dual-frequency measurement by GPM/DPR for more flexible estimation of DSD	
	10:49	-	11:01	12		Break			
	11:01	-	11:13	12		Jun Awaka	Tokai University	Development of the GPM DPR L2 rain type classification module	Nobuhiro Takahashi (Nagaya University)
	11:13	-	11:25	12	2	Nobuhiro Takahashi	Nagoya University	Revision of GPM/DPR standard algorithm, evaluation of DPR products using ground based radar, and TRMM/EOM experimental data analysis	
	11:25	-	11:37	12	3	Kenji Suzuki	Yamaguchi University	Ground validation of GPM DPR products and algorithms by in-situ hydrometeor measurements	
	11:37	-	11:49	12	4	Kenji Nakamura	Dokkyo University	Analyses of ground data for the DPR rain estimate algorithm improvement	
	11:49	-	12:01	12		Toshio Iguchi	University of Maryland (NASA/GSFC)	Stability and reliability of dual-frequency rain rate retrieval algorithms	
12/18 (Fri)	13:00	-	16:10			EarthCARE session			
12/21 (Mon)	9:30	-	9:42	12	5	Andrew J.Heymsfield	UCAR	GPM Snow Retrieval Algorithm Evaluation/Improvement and Application to GPM Data Base	Masafumi Hirose (Meijo University)
	9:42	-	9:54	12	6	Masafumi Hirose	Meijo University	Assessing and enhancing climate precipitation products derived from spaceborne radars	
	9:54	-	10:06	12	7	Hiroyuki Konishi	Osaka Kyoiku University	Ground based snow particle observation to improvement of snowfall rate estimated from GPM	
	10:06	-	10:18	12	8	Kenichi Ueno	University of Tsukuba	Validation of GPM products for heavy precipitation cases in the inlands of Japan	
	10:18	-	10:30	12	9	Koji Sassa	Kochi University	Validation of GPM products for orographic precipitation and severe meteorological disturbances by using polarimetric radar network of Kochi University	
	10:30	-	10:42	12	10	Hisato Iwashita	Meisei Electric	Actual precipitation data collection/preparation with a localized high density ground surface meteorological observation network for the calibration/validation of GPM	
	10:42	-	10:54	12		Break			
	10:54	-	11:06	12	11	Masaki Katsumata	JAMSTEC	Validation study for GPM/DPR for oceanic precipitations using observed data from dual-polarimetric radar onboard research vessel Mirai	Takemasa Miyoshi (RIKEN)
	11:06	-	11:18	12	12	Fumie Murata	Kochi University	Validation of GPM product about the extreme rainfall area over complicated topography in the northeastern Indian subcontinent	
	11:18	-	11:30	12	13	Yasutaka Ikuta	JMA	Enhancement of GPM/DPR Data Assimilation Method in km-scale Hybrid Data Assimilation System	
	11:30	-	11:42	12	14	Kozo Okamoto	MRI	Evaluation and improvement of satellite simulators and assimilation procedures using a global data assimilation system	
	11:42	-	11:54	12	15	Takemasa Miyoshi	RIKEN	Enhancing Precipitation Prediction Algorithm by Data Assimilation of GPM Observations	
	12:00	-	12:30			Poster session core time (jointly with EarthCARE; Agenda: URL(TBD))			

Date	Start		End	Dur	No.	Name	Affiliation	Title	Chair
	9:30	-	9:42	12	16	Sento Nakai	NIED	Comparison of GPM precipitation intensity and polarimetric radar and disdrometer observations considering the snow cloud system features	Shoichi Shige (Kyoto University)
	9:42	-	9:54	12	17	Yoshihiro Iijima	Mie University	North-Eastern Eurasia Precipitation Validation and Terrestrial Water Cycle United Experiment	
	9:54	-	10:06	12	18	Hiroshi Takahashi	Tokyo Metropolitan University	20-yr trends and interannual variability in precipitation characteristics over the Asian monsoon region by TRMM-PR and GPM-DPR	
	10:06	-	10:18	12	19	Yukari Takayabu	The University of Tokyo	Improvements of the SLH algorithm utilizing the GPM/DPR, and analyses of the extreme rainfall	
	10:18	-	10:30	12	20	Shoichi Shige	Kyoto University	Improvements of GSMaP and SLH algorithms for the GPM era	
12/22 (Tue)	10:30	-	10:42	12		Break			
	10:42	-	10:54	12		Kazumasa Aonashi	JAXA	Development of a scattering algorithm considering frozen precipitation depth variations	Hirohiko Masunaga (Nagoya University)
	10:54	-	11:06	12	21	Tomoo Ushio	Osaka University	Development and research on GSMaP_Climatology and high resolution GSMaP algorithm	
	11:06	-	11:18	12		Hitoshi Hirose	JAXA	Application of histogram matching to satellite rainfall estimation products using Infrared bands	
	11:18	-	11:30	12	22	Atsushi Higuchi	Chiba University	Estimation of fine-time-resolution rain-rate by machine learning method using Himawari 8/9, and its application into GSMaP	
	11:30	-	11:42	12	23	Atsushi Hamada	Toyama University	Enhancing the precipitation regime and profile databases for the GSMaP precipitation retrieval	
	11:42	-	11:54	12	24	Hirohiko Masunaga	Nagoya University	Inter-comparison of global rainfall datasets for the improvement of satellite rainfall algorithms	
	9:30	-	9:42	12	25	Hyungjun Kim	The University of Tokyo	Classification of Precipitating Systems and Estimation of Associated Systematic Biases in Passive Microwave Precipitation Retrieval	Kazumasa Aonashi (JAXA)
	9:42	-	9:54	12	26	Oliver C. SAAVEDRA VALERIANO	Universidad Privada Boliviana	Application of GPM products to understand hydrological processes in highlands and lowlands of Bolivia	
	9:54	-	10:06	12	27	Daniel Alejandro Vila	National Institute for Space Research	Performance of GSMaP over South America: Diurnal cycle assessment, extreme precipitation retrievals and nowcasting applications	
	10:06	-	10:18	12	28	Mohamed RASMY	ICHARM	Maximize the value of GPM and GSMaP data for integrated water resources and disaster managements in the developing regions	
12/23 (Wed)	10:18	-	10:30	12	29	Jun Matsumoto	Tokyo Metropolitan University	Improving flood forecast ability over Vietnam through interactive application of GPM and weather radar data	
	10:30	-	10:42	12	30	Anthony Kiem	University of Newcastle	Using GSMaP and Today's Earth data to detect the timing, spatial coverage and intensity of meteorological, agricultural and hydrological droughts（ER2GP）	
	10:42	-	10:54	12		Moeka Yamaji	JAXA	Validations of GSMaP product for various applications	
	10:54	-	11:06	12		Break			
	11:06	-	11:55	49				Open Discussion: GSMaP major version-up (including summary presentation from JAXA and open discussions)	Takuji Kubota (JAXA)
	11:55	-	12:00	5		Riko Oki	JAXA	Closing Remarks	

Date	Start		End					
1/18 (Mon)	16:00	-	18:00			Plenary Session: Overall status of JAXA Earth observation and Satellite Projects		
1/19 (Tue)	9:00	-	11:00			Theme Session: Observation of Aerosol, Clouds, Convection and Precipitation (ACCP) and integrated process understanding		