

**2010 PMM Science Team Meeting  
November 1-4, 2010  
Seattle Marriott Waterfront, Seattle, WA**

**Preliminary Agenda (October 19, 2010)**

***Special feature: Oral science reports by  
new PMM Principal Investigators***

**MONDAY, November 1**

7:00-9:00 Conference Registration and Check-in

7:00-9:00 Poster Set-up

**Session 1: Programmatics/PMM Business**

**(Chair: A. Hou)**

8:00-8:30 PMM Science

A. Hou

8:30-8:50 TRMM Science

S. Braun

8:50-9:10 GPM Project

A. Azarbarzin

9:10-9:30 PPS

E. Stocker

9:30-9:50 X-Calibration Status

T. Wilheit

9:50-10:10 Working Group Organization

G. S.-Jackson

**Break 10:10 – 10:40**

**Session 2: Partner Reports**

**(Chair: C.  
Kummerow)**

10:40-11:00 NOAA

R. Ferraro

11:00-11:20 ESA Proposal: Polar Precipitation Mission

C. Kidd/P. Joe

11:20-11:50 PMM related activities in France

R. Roca/

M. Gosset/N. Viltard

11:50-12:10 PMM related activities in Finland (LPVEx)

D. Moisseev

12:10-12:30 PMM related activities in Canada & GV

P. Joe/D. Hudak

**Lunch 12:30 – 1:50**

**Session 3: Multi-Satellite/Data Assimilation/Hydrology**

**(Chair: R. Adler)**

1:50-2:10 Downscaling for Flood & Droughts

D. Lettenmaier

2:10-2:30 Satellite Rainfall Products for Hydro-  
logical Modeling

M. Gebremichael

2:30-2:50 A Bias-Corrected Kalman Filter Based  
High-Resolution Global Precipitation  
Analysis

P. Xie/R. Joyce

2:50-3:10 Enhancing land rainfall accumulation

3:10-3:30	estimates via assimilation of satellite-based surface soil moisture retrievals Ensemble-based Assimilation and Downscaling	W. Crow  M. Zupanski
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**Break 3:30-4:00**

**Session 4: Poster Session I**

4:00-5:30

**TUESDAY, November 2**

7:30-8:30	Conference Registration and Check-in
7:30-8:30	Poster Setup

**Session 5: Programmatics (Continued)**

**(Chair: S. Braun)**

8:00-8:20	NASA PMM Program Status	R. Kakar
8:20-8:40	JAXA TRMM/GPM Program Status	R. Oki
8:40-9:00	JAXA TRMM Science Status	Y. Takayabu
9:00-9:20	DPR Development Status	T. Iguchi

**Break 9:20-9:50**

**Session 6: Partner Reports (Continued)**

**(Chair: W. Petersen)**

9:50-10:10	CHUVA Project: The prospects and preliminary results	L. Machado
10:10-10:30	KMA activities on GPM	M. Ou
10:30-10:50	Development of dual polarization radar methodologies for GPM ground validation	L. Baldini
10:50-11:10	3D microwave signatures in polarized observations with the ground-based ADMIRARI radiometer during CHUVA	A. Battaglia
11:10-11:30	The Spanish-GPM Working Group: Current Status and Future Plans	F. Tapiador
11:30-11:50	PMM related activities in Argentina (TBC)	P. Salio

**Lunch 11:50 – 1:10**

**Session 7: PMM Ground Validation Activities**

**(Chair: S. Rutledge)**

1:10-1:30	GPM GV Status and Overview	W. Petersen/ M. Schwaller
1:30-1:50	LPVEx	D. Moisseev

1:50-2:10	MC3E Planning Update	W. Petersen
2:10-2:30	NOAA HMT-SE	T. Schneider
2:30-2:45	Survey of Potential Integrated Hydrology Sites SW (15 min)	S. Sorooshian/ R. Bras
2:45-3:00	Olympic Peninsula (15 min)	R. Houze
3:00-3:15	Iowa (15 min)	W. Krajewski
3:15-3:30	Discussion on GV	W. Petersen

**Break 3:30-4:00**

**Session 8: Poster Session I**

4:00-5:30

**WEDNESDAY, November 3**

7:30-8:30 Conference Registration and Check-in

**Session 9: Algorithm & Validation Studies I**

**(Chair: C. Chandrasekar)**

8:00-8:20	PR algorithm evolution	C. Schumacher
8:20-8:40	Synthetic GPM Simulator Status	T. Matsui
8:40-9:00	The APR-2 dataset and algorithm suite: Latest developments and plans for the next 3 years	S. Tanelli
9:00-9:20	High-latitude precipitation studies using combined active and passive microwave satellite observations	R. Bennartz
9:20-9:40	In situ Precipitation Dataset in High Latitudes of the Northern Hemisphere for Calibration of GPM Mission Products	P. Groisman

**Break 9:40-10:10**

**Session 10: Algorithm & Validation Studies II**

**(Chair: R. Houze)**

10:10-10:30	Path Integrated Attenuation Studies	S. Durden
10:30-10:50	Xcal Activities at the Univ. of Michigan	D. McKague
10:50-11:10	Using Airborne Radar Measurements to Improve Assumptions in Deep Convection	G. Heymsfield
11:10-11:30	Snow properties derived from radar observations	A. Heymsfield

**Lunch 11:30 – 1:00**

**Session 11: Land Characterization and Emissivity (Chair: C. Peters-Lidard)**

1:00-1:20	Physically based Land Surface Emissivity	J. Turk
1:20-1:40	Improving Land Surface Characterization in Arid Regions	K. Mohr
1:40-2:00	Rainfall Algorithm for All Surfaces	S. Boukabara
2:00-2:20	Microwave Emissivity Models	F. Weng

**Break 2:20-2:50**

**Session 12: Algorithm Status (Chair: G. S.-Jackson)**

2:50-3:10	Radar Algorithm Status	R. Meneghini
3:10-3:30	Combined Algorithm Status	W. Olson
3:30-3:50	Radiometer Algorithm Status	C. Kummerow

**Session 13: Plenary Meeting Wrap-up**

3:50-4:30	Discussion/Action Items (V7, PMM WGs)	A. Hou/S. Braun
4:30-4:45	Closing Remarks	R. Kakar

**Thursday, November 4**

**GPM Algorithm Team Meetings (all encouraged to attend)**

**Session 14: Algorithm Team Work Sessions**

8:30-5+pm Following teams are scheduled to meet:

NASA-JAXA Radar algorithm team  
NASA-JAXA Combined algorithm team  
NASA Radiometer algorithm team  
NASA Multi-Satellite algorithm team