

**PMM Science Team Meeting in Atlanta May 7-10 2007  
Draft Agenda (Version 12)**

**May 7, 2007: Day 1 (Morning): Programmatic**

- 9:00 Welcome – Ramesh Kakar
- 9:10 PMM Program – Ramesh Kakar
- 9:30 TRMM Science Status – Bob Adler
- 9:50 GPM Science Status – Arthur Hou
- 10:10 Break
- 10:30 GPM Project Status – Art Azarbarzin
- 10:50 Overview of TRMM/GPM Activities in Japan – Riko Oki
- 11:10 Plans for Finnish Contributions to GPM – Jarkko Koskinen
  
- 11:30 Lunch

**Day 1 (Afternoon)**

- 1:00 Jack Kaye—The View from NASA Headquarters
- Status/Issues/Directions for TRMM Algorithms: V6 to V7**
- 1:20 Bob Adler – Opening comments
- 1:40 Wes Berg – V6 issues
- 2:00 Pete Robertson – V6 issues
- 2:20 Ken'ichi Okamoto – V6 issues
- 2:40 Bill Olson – Approaches to V7 prototypes
- 3:10 Open Discussion
- 3:30 Break
- 3:50 Wei-Kuo Tao – Report on 4<sup>th</sup> latent heating workshop
- 4:10 Erich Stocker - TSDIS/PPS Status

**Day 1 (Afternoon): Inter-Satellite PMW Radiometer Calibration**

- 4:30 Tom Wilheit - Report from inter-satellite calibration WG
- 4:50 Chris Ruf – GMI calibration to serve as reference for GPM constellation
- 5:10 Discussion – Next steps
  
- 6:00 Cash bar

**May 8, 2007: Day 2 (Morning): Observation and Modeling**

- 8:30 Ed Zipser – Precipitation Feature Database
- 8:50 Bob Houze – Using the TRMM PR for Storm Structure Analysis  
convective heating
- 9:10 Grant Petty – Midlatitude precipitation: Climatological and cloud physical  
properties relevant to PMM
- 9:30 John Molinari – Hurricane Formation

9:50 Tetsuo Nakazawa – TRMM Science in Climate and Weather  
10:10 Break

10:30 Chidong Zhang – Dynamic implications of low-level (bottom-heavy)  
10:50 Kenji Nakamura – Title (TBD)  
11:10 Aiguo Dai – Precipitation Simulations in Global Models  
11:30 Peter Bauer – Observing System Experiments at ECMWF  
11:50 Krishnamurti – Observation and Modeling  
12:10 Discussion

12:30 Lunch

### **Day 2 (Afternoon): Satellite Product Evaluation & GV**

2:00 Jeffery Hawkins/Scott Braun – TRMM data for operational tropical cyclone forecasts  
2:20 Chris Kidd – Midlatitude precipitation case studies  
2:40 Dave Wolff – Kwajalein data  
3:00 Matt Schwaller – Matched radar-satellite data network prototype  
3:20 Xin Lin – Evaluation of MW sounder and imager products over land  
3:40 Phil Arkin – PEHRPP: Evaluation of multi-sensor rainfall products  
4:00 Discussion  
4:15 Break

4:30-6:00 Posters

**7:00 Day 2 (Evening): Working Dinner Speaker** – Marshall Shepherd-- "Human Impacts on Precipitation: Global Warming is Only Part of the Story!"

### **May 9, 2007: Day 3 (Morning): Satellite Algorithm Development & GV**

8:30 Toshio Iguchi - DPR algorithms in Japan  
8:50 Bob Meneghini – Radar algorithm development in U.S.  
9:10 Chris Kummerow - Plans for inter-comparison of U.S. radiometer/combined algorithms  
9:30 Ralph Ferraro – Recent updates to AMSU land precipitation algorithm and future directions for GPROF land component  
9:50 Break  
10:10 Dave Hudak/Walt Petersen – C3VP for GPM snowfall algorithm development  
10:40 Gail Skofronick-Jackson/Walt Petersen– Finland-U.S. GPM GV research plans  
11:00 Christa Peters-Lidard – An integrated GV modeling testbed  
11:20 Discussion – Algorithm/modeling/GV WG near-term plans

12:00 Lunch

**Day 3 (Afternoon): Hydrological model development & GV**

1:30 Manos Anagnostou– Effective use of satellite rainfall data in land surface hydrology and water cycle studies  
1:50 Efi Foufoula-Georgiou – Downscaling for satellite precipitation data applications  
2:10 Ana Barros – Orographic precipitation and hydrology  
2:30 Break  
2:50 Witek Krajewski – New paradigm for statistical validation of satellite precipitation estimates for hydrological applications  
3:10 Eric Wood – The need for ‘real-time’ precipitation products for hydrologic applications and the potential of GPM  
3:30 Discussion –Hydrology/modeling/GV WG near-term plans  
4:30-6:00 Posters

**May 10, 2007: Day 4 (Morning) Plenary Sessions & Wrap Up**

9:00 Summary of V6 & V7 algorithm development (Adler)  
9:30 Summary of algorithm/model/GV WG plans & action items (TBD)  
10:00 Summary of PMW radiometer inter-calibration (Wilheit)  
10:20 Break  
10:40 Summary of hydrology/model/GV WG plans & action items (TBD)  
11:10 Summary of Team Action Items (Ramesh, Hou, Adler)  
12:00 Adjourn