MONDAY, November 7, 2011   *8:00am START*

7:00   Conference registration, check-in and poster set-up opens

Session 1: Programmatics (8:00 - 11:40)   **(Chair: R. Kakar)**
8:00 – 8:20   NASA HQ PMM Program Status   R. Kakar
8:20 – 8:40   NASA PMM Science   A. Hou
8:40 – 9:00   NASA TRMM Science   S. Braun
9:00 – 9:20   NASA GPM Project   A. Azarbarzin
9:20 – 9:40   Precipitation Processing System (PPS)   E. Stocker
9:40 – 9:50   Announcements   D. Kirschbaum

                                     Break (30 min) 9:50 – 10:20

                                                                                                                         (Chair: S. Braun)
10:20 – 10:40   JAXA TRMM/GPM Program Status   R. Oki
10:40 – 11:00   JAXA TRMM Science Status   Y. Takayabu
11:00 – 11:20   JAXA GPM Science Status   K. Nakamura
11:20 – 11:40   DPR Algorithm Status   T. Iguchi

                                     Lunch (1hr 30 min) 11:40 - 1:10

Session 2: GPM Algorithm Status (1:10 - 2:30)   **(Chair: A. Hou)**
1:10 – 1:30   US contributions to DPR algorithm development   R. Meneghini
1:30 – 1:50   DPR+GMI combined algorithm   W. Olson
1:50 – 2:10   Radiometer algorithm   C. Kummerow
2:10 – 2:30   X-CAL status   T. Wilheit
2:30 – 2:50   Multi-satellite algorithms (iMERG)   G. Huffman

                                     Break (30 min) 2:50 – 3:20

Session 3: Partner Reports (3:20 - 4:20)   **(Chair: C. Kummerow)**
3:20 – 3:40   Status of the Megha-Tropiques mission   R. Roca
3:40 – 4:00   ECMWF Report   P. Bauer/A. Geer
4:00 – 4:20   NOAA activities related to GPM   R. Ferraro

Session 4: Poster Session I (4:30-6:00)

7:00   Conference registration, check-in, and poster setup

Session 5: Science Reports I (8:00am - 9:40am)   **(Chair: K. Nakamura)**
8:00 – 8:20   Lightning, convective intensity and severe weather from 13 years of PR and TMI precipitation   E. Zipser
                            features and implications for the GPM era
8:20 – 8:40   Global climatology of surface precipitation: The role of TRMM and GPM   R. Adler
8:40 – 9:00   Changing tropical rainfall characteristics in a warmer climate deduced from TRMM   W. Lau
                            and GPCP data
9:00 – 9:20   Current and emerging perspectives on urban-precipitation-flood relationships   M. Shepherd
Break (30 min) 9:20 – 9:50

Session 6: Science Reports II (9:50 - 11:30)   **(Chair: J. Turk)**
9:50 – 10:10   Continental surface emissivity activities for the GPM algorithm development team   C. Prigent/F. Aires
10:10 – 10:30   Integrated hydrologic validation to improve physical precipitation retrievals for GPM   C. Peters-Lidard
10:30 – 10:50   Error characterization studies   W. Krajewski
10:50 – 11:10   Snow detection over land and snow retrieval database building over ocean   G. Liu
11:10 – 11:30   Precipitation type and profile classification module for DPR   V. Chandrasekar

Lunch (1hr 30 min) (11:30-1:00)

Session 7: Science Reports III (1:00 – 2:20)   **(Chair: L. Jones)**
1:00 – 1:20   The benefits of dimensionality reduction in Bayesian retrievals of rain rate from passive
                            microwave observations: application to matched PR and TMI observations over ocean   G. Petty
1:20 – 1:40   Investigating differences in rainfall distributions from a constellation of sensors including   W. Berg
                            the latest TRMM Version 7, SSM/I, and CloudSat products
1:40 – 2:00   Insights on tropical convection from MIRS and TRMM intercomparisons   F. Robertson
2:00 – 2:20   TRMM V7 and V6 rain retrievals in intense convective systems   D. Cecil

Break (30 min) 2:20 - 2:50
Session 8: Science Reports VI (2:50 – 4:10)   **(Chair: Y. Takayabu)**
2:50 – 3:10   Prediction of the vertical distribution of heating and precipitation from a suite of mesoscale   T. Krishnamurti
                            models and validation with TRMM data sets
3:10 – 3:30   Evaluation of TRMM latent heating algorithms in different global convective regimes   R. Johnson
3:30 – 3:50   Convection sensitivity to atmospheric state during the developing stage of the MJO   A. Del Genio
3:50 – 4:10   wind, rain, and hydrologic balance over ocean   T. Liu

Session 9: Poster Session II (4:15-5:45)

7:00   Conference Registration and Check-in

Session 10: Ground Validation/International Collaborations I (8:00-9:40)   (Chair: G. S.-Jackson)

8:00 – 8:20   LPVEx (Finnish Activities)   D. Moisseev
8:20 – 8:40   2010-2011 CHUVA Project activities: results and perspectives   L. Machado
8:40 – 9:00   On the feasibility to partition LWP in its cloud and rain components by ADMIRARI at   P. Garfias/A. Battaglia
                            different precipitation regimes: from the tropics to high latitudes
9:00 – 9:20   Calibration procedures and scanning strategies for ground validation   L. Baldini
9:20 – 9:40   GCPEx (Canadian Activities)   D. Hudak

Break (30 min) 9:40 - 10:10

Session 11: Ground Validation/International Collaborations II (10:10-11:50)   (Chair: E. Anagnostou)

10:10 – 10:30   KMA Activity on GPM GV: Statistical comparisons and future plan   M. Ou
10:30 – 10:50   Spanish-GPM activities: DSD analyses, algorithm research and climate applications   F. Tapiador
                            of precipitation products
10:50 – 11:10   Evaluation of satellite precipitation estimates using Israel ground reference data   E. Morin/E. Amitai
11:10 – 11:30   Radar measurement of alpine precipitation   A. Berne
11:30 – 11:50   HyMeX   P. Drobinski/G. Delrieu

Lunch (1hr 30 min) 11:50 - 1:20

Session 12: PMM Ground Validation Science & Field Campaign Activities (1:20-3:00)   (Chair: C. Schumacher)

1:20 – 1:40   Ground validation status/MC3E   W. Petersen
1:40 – 2:00   NASA/N-pol data collection in MC3E   S. Rutledge
2:00 – 2:20   MC3E: Real time forecast and post mission simulations   W.-K. Tao
2:20 – 2:40   Vertical structure of DSD parameters retrieved from profilers   C. Williams
2:40 – 3:00   Ground validation in regions of complex topography - Mapping the 4D structure of   A. Barros
                            rainfall: Implications for hydrologic services and water resources management

Break (30 min) 3:00 – 3:30

Session 13: PMM Business (3:30-4:40pm)   (Chair: A. Hou/S. Braun)
3:30 – 3:50   GPM Education and Public Outreach Activities   D. Kirschbaum
3:50 – 4:30   Open Discussion

Session 14: Plenary Meeting Wrap-up (4:30-5:00pm)

4:30-4:45   Action Item review   A. Hou/S. Braun
4:45-5:00   Closing remarks   R. Kakar

Thursday, November 10, 2011
GPM Algorithm Team Meetings (all encouraged to attend)

Session 15: Algorithm Team Work Sessions
The following teams are scheduled to meet:

NASA-JAXA Radar algorithm team   Meneghini
NASA-JAXA Combined algorithm team   Olson
NASA Radiometer algorithm team   Kummerow
NASA Multi-Satellite algorithm team   Huffman