

# IPWG/GPM/GRP WORKSHOP ON GLOBAL MICROWAVE MODELING AND RETRIEVAL OF SNOWFALL

## WORKING PROGRAM

**Tuesday, 11 October 2005**

**08:00 – 08:30** Continental Breakfast /Registration

**08:30 – 08:45** Welcome/Workshop Organization (Ferraro/Bennartz)

Invited Presentations I Programmatic overviews Chair: J. Turk

08:45 – 09:00 *Recent Satellite Activities within the International Precipitation Working Group (IPWG).* Turk, J. (NRL), Bauer P. (ECMWF)

09:00 – 09:25 *Global Precipitation Measurements and high frequency passive microwave observations.* A. Hou, Skofronick-Jackson, G. (NASA)

09:25 – 09:50 *GPCP status and needs at high latitudes,* Huffman, G. et al. (NASA)

09:50 – 10:15 *EUMETSAT's perspective on precipitation and snowfall* Schueller, L. (EUMETSAT)

**10:15 – 10:45 Break**

Invited Presentations II Application & New Technology Chair: J. Weinman

10:45 – 11:10 *Global Precipitation Assimilation* Bauer, P. (ECMWF)

11:10 – 11:35 *Using Sub-millimeter wavelengths to measure cloud ice mass from Earth viewing Satellites,* Ackerman, S. et al.,(CIMSS)

11:35 – 12:00 *Cloudsat snowfall measurements: Potential, Status, and Challenges,* L'Ecuyer, T. et al., (CSU)

12:00 – 12:25 *Spaceborne radar for global snowfall measurements,* Joe, P. (MSC)

**12:25 – 02:00      Lunch**

Invited Presentations III Ground Validation and Surface Chair: K. Aonashi

02:00 – 02:25      *CliC/IGOSCryosphere, Key, J. (NOAA)*

02:25 – 02:50      *Northern European Possibilities for Ground Validation of Snowfall  
Koistinen, J. (FMI)*

02:50– 03:15      *Physical Validation of Microwave Properties of Wintertime  
Precipitation over the Sea of Japan. Aonashi, K. et al. (MRI)*

03:15– 03:30      *A simple model of the mm-wave scattering of randomly oriented  
aggregates Weinman, J. (U.Washington), Kim. M.J. (NASA)*

**03:30 – 03:45      Plenary Session and charge to Working Groups (Bennartz)**

**WG#1 – Modeling – Chair: P. Bauer, Rapporteur: C. Odell**

**WG#2 – Validation – Chair: R. Ferraro, Rapporteur: P. Kucera**

**WG#3 – Applications/Technology – Chairs: J. Wang/P. Joe,  
Rapporteur: B. Ruston**

**03:40 – 04:15      Break**

**04:15 – 05:00      Initial Working Group meeting**

- WG member introductions
- WG Chair – Initial thoughts
- Organization of individual briefings for next day

**06:00 – 07:00      SOCIAL HOUR      (Pyle's Alumni Lounge)**

**07:00 – 09:00      BANQUET              (Pyle's Alumni Lounge)**

## **Wednesday, 12 October 2005**

- 08:00 – 08:30**      **Continental Breakfast**
- 08:30 – 12:00**      **Working Group Session I (Break 10:00-10:30)**
- Individual briefings (5 minute/WG member)
  - Assessment of current state of the art, identification of needs, etc.
- 12:30 – 02:00**      **Lunch (Working lunch for WG Chairs and Rapporteurs: Coordination between working groups)**
- 02:00 – 04:30**      **Working Group Session II (Break 03:00-03:30)**
- Discuss cross-cut input from other WG's
  - WG recommendations
  - Wrap up for final day plenary

Dinner on own – maps of State Street provided

## **Thursday, 13 October 2005**

- 08:30 – 09:00**      **Continental Breakfast**
- 09:00 – 12:00**      **Plenary      Chairs: Bennartz/Ferraro**
- Working Group reports  
Writing assignments for report  
Open issues  
Other
- 12:00**              **Adjourn**