



Training Course
“New and Emerging Technologies, Sensors, and Datasets for Precipitation”

São José dos Campos, Brazil, 15-17 October 2012

AGENDA

Monday, 15 October 2012

- 0730 Registration
- 0830 Welcome, Introductions, logistics **(Director INPE)**
- 0835 Logistics **(Daniel Vila)**
- 0845 Overview and IPWG goals **(Bozena Lapeta and Paul Kucera)**
- 0915 Coffee break**
- 0940 IPWG Program Status updates, Global Scale, and Climatology (Joint with the IPWG Workshop)**
- 0940-1000 Summary of Sopot Meeting of CGMS International Working Groups: **V. Gärtner**
- 1000-1020 WMO Priorities and Perspectives on the IPWG: **S. Bojinski**
- 1020-1040 Global Precipitation Measurement (GPM) Mission: Overview and Status: **A. Hou**
- 1040-1100 Megha-Tropiques Mission Status: **N. Viltard**
- 1100-1120 The HOAPS Climatology Version 3.2 release and CMIP-5 climate model evaluation using satellite data sets: **A. Andersson**
- 1120-1140 Global Precipitation: a time to rethink the representation of data products?: **C. Kidd**
- 1140-1200 Introductions of the Working Groups (WG)
- 1200-1300 Lunch**
- 1300-1330 Overview of Training and Introduction of Participants**
- 1330 Session 1: New and Upcoming Satellite Sensors**
- 1330-1430 Satellite Intercalibration Activities and Methods for Window Channel Radiometers: **Matt Sapiano**
- 1430-1530 Passive and active microwave sensors for precipitation research: **Joe Turk**
- 1530 **Session 2: New and Existing Precipitation Products**
- 1530-1630 H-SAF Precipitation Products – Current and Future Plans: **Davide Melfi**
- 1630-1730 IPWG Poster Session 1 and Coffee (Joint with the IPWG Workshop)**
- 1730 IPWG Ice Breaker (Joint with the IPWG Workshop)**



Tuesday, 16 October 2012

- 0850** **Session 2: New and Existing Precipitation Products (Continued)**
0850-0950 Satellite Precipitation Datasets: **George Huffman**
- 0950** **Coffee Break**
- 1020-1120 TRMM and Other Global Precipitation Products and Data Services at NASA
GES DISC: **Zhong Liu**
- 1120** **Session 3: Satellite Precipitation Product Applications and Applications
for Improved NWP Predictive Capabilities**
1120-1220 Applications of satellite precipitation products: **Vincenzo Levizzani**
- 1220-1320** **Lunch**
- 1320-1420 Using Satellite Precipitation as Input to a Global Hydrological Model for Flood
Detection: **Bob Adler**
- 1420** **Session 4: New and Existing Validation/Verification Techniques**
1420-1520 Precipitation Validation: **Chris Kidd**
1520-1620 Validation of H-SAF Precipitation Products: **Bozena Lapeta**
- 1620-1700** **Poster Session 2 and Coffee**

Wednesday, 17 October 2012

- 0800** **Session 5: Regional Focus: Precipitation in South America**
0800-1000 CHUVA Project: Instruments, Instrument limitations, Measurement
Methodology, Campaigns, instrument comparison, and preliminary results:
Luiz Machado
- 1000** **Coffee Break**
- 1030-1200 Atmospheric Electricity and Lightning Detection: **Rachel Albrecht**
- 1200-1300** **Lunch**
- 1300-1400 Satellite Rainfall Retrieval Applications and Validation Results over South
America: **Daniel Vila**
1400-1430 VISIT WMO/OMM Regional Focus Group (remote session): **Bernie Connell**
- 1430-1700** **Participant Presentations and Final Discussion**
- 1700** **End of Training Session**
- 1900** **IPWG6 Workshop and Training Session Dinner**