Tuesday, March 29 – Arrival/registration

Wednesday, March 30 – Invited Overview Talks

8:00 – 8:30 Registration

8:30 – 10:30 Scientific presentations

Uli Loehnert	– Welcome and local organization
Volker Gaertner	– IPWG
Ralf Bennartz	– IWSSM-1/2 overview
Arthur Hou	– GPM
Tristan L'Ecuyer	– CloudSat

10:30 – 11:00 Coffee break

11:00 – 13:00 Scientific presentations

Simone Tanelli	– ACE
Anthony Illingworth	- EarthCare
Paul Joe	– PPM
Corinna Hoose	– Ice in global climate models
Axel Seifert	– Ice/snowfall physical parameterizations

13:00 – 14:00 Lunch break

14:00 – 16:00 Scientific presentations

Jean-Pierre Blanchet	– Precipitation processes
Andy Heymsfield	– Ice microphysics
Guosheng Liu	– Ice MW optical properties
Alessandro Battaglia	– Radar remote sensing of snowfall
Stefan Buehler	– Sub-millimeter

16:00 – 16:30 Coffee break

16:30 – 18:30 Scientific presentations

Catherine Prigent	– Surface emissivity
Gail Skofronick-Jackson	- Passive MW remote sensing and IOPs
Dmitri Moissev	– Ground validation
Working group formation	

19:30 Reception

Thursday, March 31

9:00	– 12:30	WG Meetings (Coffee break 10:30-11:00)
12:30	– 14:00	Lunch break
14:00	– 15:30	Plenary: Initial working group reports
15:30	– 16:00	Coffee break
16:00	– 18:00	WG Meetings

Friday, April 1

9:00	– 15:00	Visit Schneefernerhaus observation station
17:00	– 19:00	Working group meetings

Saturday, April 2

9:00 – 12:00 Final plenary session, working group reports, writing assignments

1) Working groups

Applications (Chairs: Seifert, Blanchet)

- Critical measurements needed for: climate modeling, hydrology, ice microphysical modeling, QPE, NWP, other.
- What are the requirements for GV and field experiments

Radiative Properties of Falling Snow (Chairs: Liu, Heymsfield)

- Ice radiative properties modeling issues: Non-spherical particles, habit, size distributions
- Andy Heymsfield challenge on radar reflectivity modeling
- Supercooled liquid water
- Other forward modeling issues (e.g. emissivity)
- Radiative closure

Global and Regional Detection and Estimation (Chairs: Skofronick, L'Ecuyer)

- Retrieval issues Radar
- Radiometer synergy
- Current operational algorithms for detection/estimation
- What can we achieve within 3, 10 years?

Missions and Concepts (Chairs: Tanelli, Joe)

- Science to be addressed
- Technology and measurement synergies
- Technology gaps, next steps

- New spaceborne missions
- New ground-base remote sensing technology

Validation (Chairs: Hudak, Koskinen)

- New airborne and ground base technology
- Measurements for uncertainties, representativeness
- Field campaigns
- Regional/global validation approaches
- Long-term GV efforts
- Additional needs for validation
- International coordination