



Sunday, May 5 – Arrival/registration

Monday, May 6 – Invited Overview Talks

8:00 – 8:30 Registration

8:30 – 8:40 Ralf Bennartz/Deb Vane – Welcome and local organization

8:40 – 10:40 Scientific presentations, Chair: Chandrasekar

Ralf Bennartz	– IWSSM-1-3 overview
Nai-Yu Wang	– IPWG
Deb Vane	– CloudSat/ACE
Gail Skofronick-Jackson	– GPM
Robin Hogan	– EarthCare

10:40 – 11:00 Coffee break

11:00 – 13:00 Scientific presentations, Chair: Jürgen Fischer

Simon Yueh	– CoreH2O
Stefan Buehler	– Submillimeter
Graeme Stephens	– GRACE/CloudSat
Yasushi Fujiyoshi	– Snowfall/Japan
Bruce McGurk	– Snowfall/California Water

13:00 – 14:00 Lunch break

14:00 – 16:00 Scientific presentations, Chair: Steve Nesbitt

Bert Davis	– Army/Snowfall
Dave Hudak	– Surface observations
Tom Painter/ JeffDozier	– Snow on ground/airborne
Xin Li	– Snow on ground/airborne/China
Anne Walker	– SWE

16:00 – 16:30 Coffee break

16:30 – 18:30 Scientific presentations, Chair: Guosheng Liu

Jessica Lundquist	– Atmosphere/Snow
Grant Petty	– MW optical properties
Andy Heymsfield/Norm Wood	– Ice microphysics
Pavlos Kollias	– Radar Snowfall Retrievals
Simone Tanelli	– Future Radar Missions

Working group formation

19:30 Reception @ Deb Vane's place

Tuesday, May 7

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

19:00 **Possible Group Dinner at own costs (TBD)**

Wednesday, May 8

9:00 – 14:00 Visit Mammoth Mountain Snow observation site
15:00 – 19:00 Final plenary session, WG reports, writing assignments

Thursday, May 9 - **Depart**

1) Working groups

Applications and Validation, Co-Chairs: Mark Kulie & Danny Marks

- 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, Co-Chairs: Robin Hogan & Ned Bair

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

Global and Regional Detection and Estimation, Co-Chairs: Dmitri Moisseev & Nai-Yu Wang

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

Missions and Concepts: Co-Chairs: Anne Walker & Deb Vane

- Science to be addressed
- Technology and measurement synergies
- Technology gaps, next steps
- New spaceborne missions
- New ground-based remote sensing technology