### TUESDAY, 3/8

07:45 Registration  
08:30 Welcome  
  • NCAR (Orlando)  
  • Goals (Hall/Schmidt)  
09:00 Obs. System Overview  
  • Satellite/CERES (S. Kato)  
  • Aircraft (J. Redemann, J. Stith, C. Chiu, M. Wendisch)  
  • Surface networks (C. Long)  
10:30 Posters / early lunch  
12:00 Lunch  
13:00 Keynote 1: Cloud-aerosol radiative effects (G. Feingold)  
14:30 Coffee break  
15:45 Plan for tomorrow  
16:00 Reception / posters

### THURSDAY, 3/10

08:00 Radiation science during recent NASA missions (B. Toon)  
08:30-10:00 Emerging Science, Technology, Platforms  
  Lead: J. Redemann  
  Lead-in talk: M. Wendisch  
10:45 Break  
11:00 Recent missions  
  Speakers: M. Segal-Rosenheimer, J. Wang, S. LeBlanc, O. Coddington  
12:00 Lunch  
12:30 Keynote 2: Understanding Arctic climate change (J. Kay)  
13:45 Coffee break  
15:15-12:00 Final discussion and reflection on workshop goals  
  Action items  
  Moderators: S. Hall, S. Schmidt  
15:45 Plan for tomorrow

### Breakouts

**Radiometry (calibration, components, performance parameters)**  
  • Leads: C. Flynn, L. Riihimaki  

**Radiation and microphysics in observations and modeling**  
  Aerosol direct/indirect effect; cloud microphysics; model-observation connections  
  • Leads: R. Kahn, G. McFarquhar, J. Redemann

**Arctic and Antarctic observations**  
  • Lead: B. Smith

**Coping with complexity in cloud-aerosol observations and RT modeling**  
  • Leads: S. Schmidt, L. Avalone

**Photochemistry**  
  • Leads: G. Tyndall, S. Madronich

**Satellite Validation**  
  • Leads: S. Kato, R. Kahn