

Joint WG2-WG3 GCSS Workshop
U.K. Meteorological Office College
17-21 July, 2000

Preliminary Program

Monday

- 9:00 - 9:15 Welcome (B. Ryan, D. Starr, UKMO)
9:15 - 9:45 The New GCSS Science Plan (D. Randall)
9:45 - 10:30 Cloud Parameterization in the UKMO Unified Model
(D. Gregory, D. Wilson, A. Bushel)
10:30 - 11:00 *Break*
11:00 - 12:00 Cloud Parameterization in the UKMO Unified Model (continued)
12:00 - 13:15 *Lunch*
13:15 - 15:00 FASTEX Intercomparison (P. Clark, H. Lean)
15:00 - 15:30 *Break*
15:30 - 17:00 Fastex Intercomparison Discussion (Chair: P. Clark)

Tuesday

- 8:30 - 10:00 WG2 Idealized Cloud Model Comparison Project (D. Starr)
10:00 - 10:30 *Break* poster: 3D Numerical Simulations of Cirrus Clouds by GESIMA
(K.-I. Maruyama)
10:30 - 10:50 Comparison of Cloud-resolving Simulations of Cirrus Cloud
with Observations (P. Brown)
10:50 - 11:10 Simulations of Cirrus Clouds by GCEM (Y. Wang, D. Starr)
11:10 - 12:00 Idealized Comparison Discussion (Chair: P. Brown)
12:00 - 13:15 *Lunch*
13:15 - 15:00 WG3 Sensitivity Experiment Results: Fall Speed, Sublimation,
and RH Sensitivity (presentations by WG3 members)
15:00 - 15:30 *Break*
15:30 - 17:00 Discussion of Results and Implications for GCMS (Chair: B.Ryan)

Wednesday

- 8:30 - 9:30 Aerosols and Their Effects in GCMs (U. Lohmann)
9:30 - 10:30 WG2 Cirrus Parcel Model Comparison Project (R.-F. Lin)
10:30 - 11:00 *Break*

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Wednesday (continued)

- 11:00 - 11:30 Ice Nucleation in Lee-wave Clouds (R. Cotton)
11:30 - 12:15 Discussion of Aerosol Issues (Chair: P. Brown)
12:15 - 13:30 *Lunch*
13:30 - 15:00 Large-scale Cloud Survey Techniques (Chair: G. Tselioudis)
15:00 - 15:30 *Break*
15:30 - 17:30 Large-scale Cloud Survey Techniques (continued)
Evening *Skittles at local pub*

Thursday

- 8:30 - 9:30 Tropical Cirrus Clouds (M. Boehm)
9:30 - 10:00 Ice Crystal Concentration at Cold Cloud Tops (A. Heymsfield)
10:00 - 10:30 *Break*
10:30 - 12:00 Subgrid Cloud Variability in GCMs (C. Jakob)
12:00 - 13:15 *Lunch*
13:15 - 13:45 ARM Spring 2000 Cloud IOP (J. Mace)
13:45 - 14:15 New MODIS Cirrus Cloud Models (B. Baum)
14:15 - 14:45 Short-wavelength Radar for Cloud Studies (A. Illingworth)
14:45 - 15:15 *Break*
15:15 - 17:30 WG2 and WG3 Working Sessions (separate)
- New and Future Projects
- Observational Requirements and Field Experiments

Friday

- 8:30 - 9:30 WG2 and WG3 Working Sessions (continued)
9:30 - 10:00 Meeting Summary - WG3
10:00 - 10:30 *Break*
10:30 - 11:00 Meeting Summary - WG2
11:00 - 12:00 Discussion of Possible Joint WG2-WG3 Activities
12:00 Close of Workshop