

Annex III: Workshop programme

Workshop on Parametrization of Clouds and Precipitation across Model Resolutions, 5 to 8 November 2012

Monday 5 November 2012

13.30-14.00	<i>Registration</i>	
14.00-14.10	Erlend Källén (ECMWF)	Welcome and Introduction
14.10-14.40	Richard Forbes (ECMWF)	Overview and cloud parametrization issues for ECMWF
I. Parametrization of Microphysics		
14.45-15.15	Adrian Hill (Met Office)	GASS Microphysics comparison project
15.20-15.45	<i>Coffee/Tea – combined with Poster Session</i>	
15.45-16.15	Peter Yau (McGill University)	Toward a unified microphysics scheme for NWP in Canada
16.20-16.50	Axel Seifert (DWD)	Small scales do not forget!
16.55-17.25	Greg Thompson (NCAR)	High-resolution winter simulations over the Colorado Rockies: Sensitivity to microphysics parameterizations
17.30	<i>Informal Drinks Party – combined with Poster Session</i>	

Tuesday 6 November 2012

09.15-09.45	Paul Field (Met Office)	Representing mixed-phase and ice phase microphysics
09.50-10.20	Yann Seity and Christine Lac (MeteoFrance)	Cloud and microphysical schemes in Arpege and Arpege models
10.25-10.55	<i>Coffee/Tea – combined with Poster Session</i>	
11.00-11.30	Ulrike Lohmann (ETHZ)	Representing cloud-aerosol interactions in GCMs
II. Representing Sub-grid Heterogeneity		
11.35-12.05	Vincent Larson (Univ. Wisconsin-Milwaukee)	Implementing a statistical cloud scheme into the CAM climate model
12.10-12.40	Cyril Morcrette (Met Office)	Sub-grid cloud parametrization issues in MetUM
12.45-14.00	<i>Lunch</i>	

Tuesday 6 November 2012 continued

14.00-14.30	Johannes Quaas (Univ. Leipzig)	Evaluating parameterisations of subgrid scale variability with satellite data
14.35-15.05	Ulrike Burkhardt (DLR)	Extending a PDF cloud scheme to accommodate cirrus physics
15.10-15.45	<i>Coffee/Tea – combined with Poster Session</i>	
15.45-16.15	Robert Pincus (NOAA-ESRL)	Sub-grid cloud-radiation interaction
16.20-16.50	Roel Neggers (KNMI)	Towards scale-adaptivity and model unification in the representation of moist convection
16.55-17.25	Luc Gerard (RMI Belgium)	Microphysics and convection in the "grey zone"

Wednesday 7 November 2012

III. Constraining Cloud and Precipitation Parametrization with Observations

09.15-09.45	Maïke Ahlgrimm (ECMWF)	Evaluating the ECMWF model's clouds and radiation with ARM observations
09.50-10.20	Andrew Heymsfield (NCAR)	Aircraft observations of ice microphysics
10.25-10.55	<i>Coffee/Tea – combined with Poster Session</i>	
11.00-11.30	Robin Hogan (Reading)	Evaluation and improvement of cloud schemes using radar and lidar observations
11.35-12.05	Hélène Chepfer (LMD/IPSL)	Using CALIPSO for model validation
12.10-12.40	Matt Lebsock (JPL)	Using CloudSat and the A-Train for model validation
12.45-14.00	<i>Lunch</i>	
14.00-14.15	Working Group Formation	
14.15-17.45	Working Group Meetings	
18.00	<i>Drinks followed by informal dinner for working group participants</i>	

Thursday 8 November 2012

0915-1230	Working Group Meetings
1230-1330	<i>Lunch</i>
1330-1530	Plenary Session