

Provisional programme

Monday 1 September

09.30-10.00 *Registration and coffee*

10.00-10.10 Philippe Bougeault (ECMWF) Welcome

Session 1: Processes

10.10-11.10 Robin Hogan (University of Reading): Radiation parametrization and clouds

11.20-12.20 Adrian Tompkins (ICTP): Cloud parametrization

12.30-13.40 *Lunch*

13.40-14.40 Peter Bechtold (ECMWF): Convection parametrization

14.50-15.20 *Coffee/Tea*

15.20-16.20 Bjorn Stevens (UCLA): Boundary layer processes

16.30-17.30 Bart v.d. Hurk (KNMI): Land surface processes

17.40 *Cocktail party*

Tuesday 2 September

09.10-10.10 Michael Schulz (LSCE) : Aerosol modelling

10.20-10.50 *Coffee/Tea*

10.50-11.50 Richard Forbes (ECMWF) : Microphysics: From intricacy to simplicity

Session 2: High resolution modelling

12.00-13.00 Pier Siebesma (KNMI): Parametrization of boundary layer clouds

13.10-14.20 *Lunch*

14.20-15.20 PeterClark (University of Reading): Limited area modelling in CRM mode

15.30-16.00 *Coffee/Tea*

16.00-17.00 David Randall (Colorado State Univ): Multiscale modeling framework and parametrization

Wednesday 3 September

Session 3: Interactions

09.10-10.10 Sandrine Bony (LMD/IPSL): Cloud/radiation interactions

10.20-10.50 *Coffee/Tea*

10.50-11.50 Brian Mapes (University of Miami): Tropical variability

12.00-13.00 Thomas Jung (ECMWF): Parametrized processes and atmospheric variability

13.10-14.20 *Lunch*

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Wednesday 3 September

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| 14.20-15.20 | Hervé Douville (Météo France): | Land surface versus ocean influence on atmosphere |
| 15.30-16.00 | <i>Coffee/Tea</i> | |
| 16.00-17.00 | Glenn Shutts (UK Met Office): | Convection/dynamics interaction including stochastic approaches |
| 19.30 | <i>Seminar Dinner</i> | |

Thursday 4 September

Session 4: Verification/validation

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| 09.30-10.30 | Françoise Guichard (Météo France): | What can we learn from AMMA about physical processes and models? |
| 10.40-11.00 | <i>Coffee/Tea</i> | |
| 11.10-12.10 | Alan Betts (Atmospheric Research): | Physical relations in observations and models |
| 12.20-13.30 | <i>Lunch</i> | |
| 13.30-14.30 | Graeme Stephens (Colorado State University): | Satellite observations of cloud and precipitation processes and their interactions |
| 14.40-15.40 | Mark Rodwell (ECMWF): | Understanding the local and global impacts of model physics changes |