

Monday 3 September

09.30-10.00 *Registration and coffee*

10.00-10.20 Philippe Bougeault (ECMWF) Welcome

Session 1: General

10.20-11.20 John Eyre (Met Office) Progress achieved on assimilation of satellite data in NWP over the last 30 years

11.30-12.30 Sakari Uppala (ECMWF) Use of satellite data in reanalysis applications

12.40-13.50 *Lunch*

13.50-14.50 John Derber (NCEP) The contribution of ATOVS data to operational NWP

15.00-15.30 *Coffee/Tea*

15.30-16.30 Mary Forsythe (Met Office) Atmospheric motion vectors

16.40-17.40 Stephen Briggs (ESA) The Earth Explorer and GMES sentinel programmes

17.50 *Cocktail party*

Tuesday 4 September

Session 2: Assimilation of advanced IR sounders

09.10-10.10 Mitch Goldberg (NESDIS) What have we learnt from the AIRS experience, and prospects from NPOESS/CrIS

10.20-10.50 *Coffee/Tea*

10.50-11.50 Paolo Antonelli (CIMSS) Information content and data compression

12.00-13.00 Andrew Collard (ECMWF) Assimilation of AIRS/IASI at ECMWF

13.10-14.20 *Lunch*

Session 3: Assimilation of clouds and precipitation

14.20-15.20 Stephen English (Met Office) General issues and prospects from future sensors

15.30-16.00 *Coffee/Tea*

16.00-17.00 Peter Bauer (ECMWF) The assimilation of cloud/rain at ECMWF

Wednesday 5 September

Session 4: Treatment of the boundaries

09.10-10.10 Fatima Karbou (Meteo-France) Treatment of surface emissivity in satellite data assimilation

10.20-10.50 *Coffee/Tea*

10.50-11.50 Matthias Drusch (ECMWF) Use of satellite data for land surface assimilation

12.00-13.00 Peter Janssen (ECMWF) Sea state data assimilation

13.10-14.20 *Lunch*

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Wednesday 5 September

Session 5: Treatment of the boundaries (continued)

14.20-15.20	Keith Haines (ESSC)	Ocean data assimilation
15.30-16.00	<i>Coffee/Tea</i>	
16.00-17.00	Dick Dee (ECMWF)	Importance of satellites for stratospheric data assimilation

Thursday 6 September

Session 6: Current and future programs

09.10-10.10	Peter Schluessel (EUMETSAT)	First lessons learnt from METOP
10.20-10.50	<i>Coffee/Tea</i>	
10.50-11.50	Johannes Schmetz (EUMETSAT)	Future opportunities from MTG and POST-EPS

Session 7: Satellite data impact studies and diagnostics

12.00-13.00	John Le Marshall (BoM)	Impact of satellite data at JCSDA
13.10-14.20	<i>Lunch</i>	
14.20-15.20	Nancy Baker (NRL)	Diagnostics for evaluating the impact of satellite observations
15.30-16.00	<i>Coffee/Tea</i>	
16.00-17.00	Graeme Kelly (ECMWF)	Satellite data impact studies at ECMWF
17.10-18.00	John Le Marshall, Johannes Schmetz and Adrian Simmons	Special Session
19.30	<i>Seminar Dinner</i>	

Friday 7 September

Session 8: Further prospects and issues for NWP

09.10-10.10	David Tan (ECMWF)	Expectations from ADM-AEOLUS
10.20-10.50	<i>Coffee/Tea</i>	
10.50-11.50	Frédéric Chevallier (LSCE)	Assimilation of satellite data for the environment
12.00-13.00	Reinhold Hess (DWD)	Specific issues related to the use of satellite data in limited area models
13.10	<i>Close/Lunch</i>	