

ECMWF/ EUMETSAT ROM-SAF workshop on Applications of GPS radio occultation measurements 16 to 18 June 2014

Programme

Monday 16 June 2014

0915-0950 *Registration and Coffee*

0950-0955 *Erland Källén (ECMWF)*

Welcome

0955-1000 *Kent Lauritsen (ROM SAF)*

Welcome from SAF

General issues

1000-1030 *John Eyre (Met Office)*

The role of GPS-RO in the global observing system

1035-1105 *John Derber (NOAA)*

The impact and importance of GPS-RO in NWP

1110-1140 *Nick Yen (NSPO)*

Status and aims of the FORMOSAT-7 (COSMIC-2) mission

1145-1215 *Sergey Sokolovskiy (UCAR)*

Improvements in the processing of GPS-RO data

Climate applications

1220-1250 *Dian Seidel (NOAA)*

Stratospheric temperature trends: Our evolving understanding

1300-1400 *Lunch*

1400-1430 *Hans Gleisner (DMI)*

Generation of GPS-RO climate data at the ROM SAF

1435-1505 *Mark Ringer (Met Office)*

Climate model testing with GPS-RO

1510-1540 *Tea/coffee*

1540-1610 *Gottfried Kirchengast (WEGC)*

Climate monitoring with GPS-RO: Towards SI-traceable records

NWP assimilation

1615-1645 *Josep Aparicio (Environment Canada)*

Impact of GPS-RO at Environment Canada

1650-1720 *Lidia Cucurull (NOAA)*

Progress in GPS-RO assimilation at NOAA

1725-- *Cocktail Party and Poster presentations*

Programme (continued)

Tuesday 17 June 2014

- 0915-0945 *Sean Healy (ECMWF)*
Assimilation of GPS-RO with 2D operators
- 0950-1020 *Bill Kuo (UCAR)*
The impact of GPS-RO on typhoon forecasts
- 1025-1050** *Coffee*
- 1050-1120 *Ian Culverwell (Met Office)*
Progress in forward modelling of L1 and L2 bending angles

Atmospheric Studies with GPS-RO

- 1125-1155 *Bill Randel (NCAR)*
Tropopause studies with GPS-RO
- 1200-1230 *Torsten Schmidt (Helmholtz Centre Potsdam)*
Gravity wave studies using GPS-RO
- 1230-1300 *Feiqin Xie (Texas A&M University-Corpus Christi)*
Planetary boundary layer studies with GPS-RO
- 1300-1400** *Lunch*
- 1400-1430 *Rob Kursinski (Moog Advanced Missions & Science)*
Accuracy of humidity information retrieved from GPS-RO
- 1435-1445 Introduction to Working Groups
- 1500-1730 Working group discussions
Proposed topics:
- NWP assimilation
 - Climate applications
 - New processing and technologies
- 1800** *Informal dinner in the ECMWF Restaurant*

Wednesday 18 June 2008

- 0930-1300 Working group discussions and drafting of recommendations
- 1300-1400** *Lunch*
- 1400-1530 Plenary Session