

WGNE-28, 5-9 November 2012

Toulouse, France

AGENDA AND PRESENTATIONS

Monday, 5 November

- 09h00 – **Welcome, Adoption of the Agenda, Local Arrangements** (15 min)
C. Jakob, A. Brown, F. Rabier
- Welcome by METEO-France** (10 min)
P. Bougeault
- Meeting Goals and Actions from last meeting** (20 min)
C. Jakob, A. Brown
- CAS & WWRP matters** (45 min)
D. Terblanche
- 10h30 – **Coffee**
11h00
- 11h00 – **Update on Future of THORPEX Data Assimilation Activities** (15+15 min)
T. Hamill
- WCRP matters** (45 min)
M. Rixen
- A short update on the WCRP Modeling Advisory Council** (15 min)
C Jakob
- Climate Model Metrics Panel** (20+10 min)
P. Gleckler
- 13h00 – **Lunch**
14h00
- 14h00 – **WWRP and WCRP Polar Prediction Projects** (30 + 30 min)
15h00 *T. Jung*
- 15h00 – **Coffee**
15h30

15h30 – **Centre Reports** (5-20 min each)
17h30 **Brazil, Canada, NCEP, JMA, DWD**
18h00- **Ice Breaker hosted by Meteo-France**
19h30

Tuesday, 6 November

09h00 – **Recent developments in Numerical Methods** (30 min)
10h30 *M. Tolstykh*

Recent developments in Numerical Methods - report from PDE's on the sphere 2012

M. Baldauf

Recent developments in Data assimilation (30 min)
F. Rabier, J.N. Thepaut

Recent developments in Ensemble Prediction (30 min)
C. Muroi

Review of developments in ensemble prediction research for weather-climate

T. Hamill

10h30 – **Coffee break**
11h00

11h00 – **SPARC report and discussion** (20+10 min)
13h00 *D. Jackson*

Centre Reports (4-20 min each) **France, China, Russia, ECMWF**

13h00 – **Lunch**
14h00

14h00 – **Centre reports** (4-20 min each)
16h00 **NCAR, Korea, BOM, UKMO**

16h00 – **Coffee break**
16h30

16h30 – **Science talks** (3x30 min each)
18h00

Serge Planton: Climate activities at Meteo-France including seasonal forecasting

François Bouyssel: Successes and challenges of a seamless development of physical parametrizations

Jean-François Mahfouf: Radar data assimilation

Wednesday, 7 November

09h00 – **WGCM activities** (20+10 min)

10h30 *S. Bony*

Discussion of WCRP Grand Challenges and WGNE's role (30 min)

Participants

WGSIP activities (20+10 min)

H. Douville

10h30 – **Coffee break**

11h00

11h00 – **Sub-seasonal prediction project** (30 + 30 min)

13h00 *F. Vitart*

YOTC/MJO-TF and obs4MIPS (30 min)

D. Waliser

Monsoon prediction – How well are centres doing at various ranges? (30 min)

A. Brown

13h00 – **Lunch**

14h00

14h00 – **TC verification** (30 min)

15h00 *C. Muroi*

Precipitation Verification (30 min)

Participants – Brazil - DWD - France - Japan

15h00 – **Coffee break**

15h30

15h30 – **Recent developments in high-resolution NWP Part I**(30 min)

17h30 *B. Lapenta, G Dietachmayer*

High-resolution NWP Part II

Physics of Weather and Climate models workshop report (20 min)

C Jakob

GOVST workshop update (20 min)

B. Lapenta

Systematic Error Workshop update (20 min)

C. Jakob, A. Brown

Thursday, 8 November

09h00 – **GASS/GCSS/GABLS report and discussion** (20+10 min)

10h40 *J. Petch*

The grey zone project (20 min)

J. Petch

GLASS report and discussion (20+10 min)

M. Best

GFDL report (20 min)

V. Balaji

10h40 – **Coffee break**

11h00

11h00 – **Session on Aerosols**

13h00

How important are aerosols for predicting the physical system (NWP, seasonal, climate) as distinct from predicting the aerosols themselves?

How important is atmospheric model quality for air quality forecasting?

Centre activities - (45 min)

Participants led by S. Freitas – Focus on Aerosol treatment in NWP system, not air quality modelling

GURME activities – (45 min)

Liisa Jalkanen

Aerosol and chemical weather forecasts

Angela Benedetti

Discussion on interactions of NWP and Air Quality communities (30 min)

Participants led by Andy Brown and Liisa Jalkanen

13h00 – **Lunch**

14h00

14h00 – **Report of JWGV** (30+30 min)

15h00 *L. Wilson*

15h00 – **Coffee**

15h30

15h30 – **Verification scores including polar verification** (30 min)

17h00 *J.N. Thepaut*

Discussion on verification against own analysis (60 min)

Participants led by T. Hamill

18h30- **Museum visit followed by dinner**

Friday, 9 November

09h00 – **Meeting summary and discussion of future WGNE**

10h30 **activities, including workshops and projects** (90 min)

C. Jakob, A. Brown, Participants

10h30 – **Decisions and Actions**

11h00 *C. Jakob, A. Brown*

11h00 **Close**