14th workshop on meteorological operational systems

Monday 18 November 2013

10:30  Registration and coffee
11:00  Opening by Director of Forecasts
11:20  Emily Niebuhr (World Food Programme)
      The communication of weather information in humanitarian organisations
11:45  Peiliang Shi (World Meteorological Organisation)
      Progress and future directions of the WMO Information System
12:10  Chris Little (Met Office)
      Recent developments in OGC & Met Ocean DWG
12:30  Roope Tervo (Finnish Meteorological Institute)
      Finnish Open Data Portal for Meteorological Data
12:45  Richard Mladek (ECMWF)
      TIGGE-LAM archive development in the frame of GEOWOW project
13:00  Lunch break

Session: Getting a model from Research to Operations

14:00  Yannick Tremolet and Alfred Hofstadler (ECMWF)
      OOPS as a common framework for Research and Operations
14:20  Ligia Bernadet (US National Oceanic Atmospheric Administration, Earth System
      Research Laboratory)
      The role of testbeds in NOAA for transitioning NWP research to operations
14:45  Ken Mylne (Met Office)
      From NWP output to operational forecasts
15:00  François Lalaurette (Météo-France)
      From user to research: is the feedback loop operative?
15:15  Thomas Schumann (Deutscher Wetterdienst)
      COSMO-DE EPS - A new way of predicting severe convection
15:30  Xiaoling Zhang (National Meteorological Center, Chinese Meteorological
      Administration)
      Research into operation in NMC/CMA
15:45  Coffee break
16:15  Discussion - From Research to Operations
17:15  Drinks reception
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Session: Visualisation systems

09:15  Iain Russell/Fernando Li (ECMWF)
       Metview

09:45  Kemal Dokuyucu (Turkish Met Service)
       Metcap+ visualization package

10:00  Sauli Joro (EUMETSAT)
       Product visualisation and analysis tool

10:15  Jozef Matula (IBL Software Engineering)
       Web Coverage Service 2.0 - Meeting with reality

10:30  Coffee break

11:00  Patricia Salerno (Météo-France)
       Synergie-Next – Synopsis Project

11:15  Simone Gianneccini (GeoSolutions SAS)
       Using GeoServer for spatio-temporal data management with examples for MetOc and remote sensing

11:30  John Clyne (National Center for Atmospheric Research)
       3D weather visualization with VAPOR

11:45  Cihan Sahin (ECMWF)
       ecCharts

12:00  Mark Hedley (Met Office)
       Python libraries for meteorologists

12:00  Discussion - Challenges for visualisation in meteorology

13:00  Lunch break

14:00  Peter Bispham (ECMWF)
       Update on ECMWF’s new interpolation package

14:15  Bin Zhou (National Meteorology Center, China Meteorological Administration)
       Recent progress of GRAPES_GFS in China and the relevant parallel experiment system

14:30  Thomas Hanisch (Deutscher Wetterdienst)
       NUMEX - Numerical experiments and NWP-development at DWD

14:45  Shoji Hirahara (Japan Meteorological Agency)
       JMA Operational Seasonal Forecast System and its applications

15:00  Waldenio Almeida (CPTEC/INPE)
       Recent developments in CPTEC/INPE systems

15:15  Neil Massey (University of Oxford)
       Large Ensemble Regional Climate Modelling

15:30  Coffee break

16:00  Antonio Volta (Agromet)
       Weather forecast to support the agrofood market

16:15  Exhibition and reception
### Session: Observation handling

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker(s)</th>
<th>Topic</th>
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<tbody>
<tr>
<td>09:30</td>
<td>Piotr Kuchta and Sandor Kertesz (ECMWF)</td>
<td>Usage of ODB at ECMWF</td>
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<tr>
<td>09:45</td>
<td>Adam Maycock (Met Office)</td>
<td>Use of ODB at the Met Office: status and plans</td>
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<td>10:00</td>
<td>Iryna Rozum (ECMWF)</td>
<td>CHARMe: Characterization of metadata to enable high-quality climate observations</td>
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<td>10:15</td>
<td>Wang Chun Woo (Hong Kong Observatory)</td>
<td>Rain forecast on MyObservatory - a location-based rainfall nowcasting service for the public</td>
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<td>10:30</td>
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<td><strong>Coffee break</strong></td>
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<tr>
<td>11:00</td>
<td>Enrico Fucile (ECMWF)</td>
<td>ecCodes a new decoder for binary and alphanumeric codes</td>
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<td>11:15</td>
<td>Daniel Dieguez Arias (Météo-France)</td>
<td>AvXML converter</td>
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<td>11:30</td>
<td>Jeremy Tandy (Met Office)</td>
<td>The WMO Codes Registry - web based publication of the Manual on Codes</td>
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<td>11:45</td>
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<td><strong>Closing plenary session</strong></td>
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<td>13:00</td>
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<td><strong>Lunch break</strong></td>
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