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## Programme – updated 21 November

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### Monday 24 November

9:00 – 10:00 Registration and welcome

10:00 Opening (Head, Operations Department)

#### Session 1 (7 talks) ← Standards

10:15 David Arctur (OGC) “ Use of OGC standards and processes in harmonizing atmospheric, hydrologic and ocean observing data models and services”

10:30 David Thomas (WMO) “WMO information system”

10:45 Paul Smits (JRC) “INSPIRE data specifications state of play”

#### 11:00 - Coffee break

11:30 Andrew Woolf (STFC RAL) “Next steps to interoperability: Functions, observations and other things”

11:45 Stefano Nativi (Italy CNR) “Enabling data systems and science community to work together: The OGC galeon experience”

12:00 Jeremy Tandy (Met Office) “ Creation of GML Application Schemas, and why you should re-use first”

12:15 Bryan Lawrence (Rutherford Appleton Laboratory) “ Deploying secure OGC services in front of a heterogeneous data archive”

#### 12:30 - Lunch break

#### Session 2 (13 talks) ← Commercial solutions

14:00 Ed Parsons (Google) “The role of mass-market standards in environmental monitoring”

14:15 Jonathan Lister (Vaisala) “ Practical implementation of an SOS DataProducer”

14:30 Loic Rognant (Thales Alenia Space) “ Use of meteorological data in the framework of the Thales Alenia Space OGC based crisis management system”

14:45 Uwe Voges (con terra GmbH) “EUMETSAT catalogue based on OGC services”

15:00 Emmanuel Mondon (ERDAS) “Case studies on cataloguing and serving meteorological metadata and data using OGC/ISO standards”

15:15 Richard Brown (Galdos Systems Inc) “ Dynamically integrating different and distributed GIS Systems using open standards and the internet”

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## Programme (continued)

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15:30 - Coffee break

16:00 Michael Weis (IBL) Achievements in development and implementation of OGC web services in meteorological tools

16:15 Thomas Lankester (Infoterra Ltd) “ Evaluation of satellite data using the OGC WMS profile for EO products”

16:30 Eddie Curtis (Snowflake Software) “ Keeping the winter roads open with web delivered forecasts!”

16:45 Pier Giorgio Marchetti (European Space Agency) “ Methodologies for harmonisation, the GIGAS proposal”

17:00 Ewald Murra (Ernst Basler & Partner GmbH) “ Mastering meteorological data and catalogues – a challenge”

17:15 Timothy Hopkins (NOAA/NWS) “The new Advanced Weather Information Processing System Services Oriented Architecture and the use of OGC standards”

17:30 John Wilson (The MITRE Corporation) “ Use of OGC SWE standards for Airborne Weather Sensing Networks”

18:00 - Cocktails

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## Programme (continued)

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### Tuesday 25 November

#### Session 3 (23 talks)   ← Applications

- 08:30 Stephan Siemen (ECMWF) "integrating OGC web services into Metview and Magics++"
- 08:45 Herb Grote (NOAA) "Exploring OGC-compliant approaches for distributing weather data"
- 09:00 Philippe Cau (Météo France) "The current use of web services to achieve interoperability"
- 09:15 Frédéric Guillaud (Météo France) " Use of OGC standards for nowcasting data and services"
- 09:30 Bruce Wright (Met Office) "WCSplus: Making the web coverage service work for the meteorological community"
- 09:45 Ted Habermann (NOAA) "ISO metadata standards at NOAA's data centers"
- 10:00 Ilkka Rinne (FMI) "Pushing GML and OGC in meteorology – FMI activities and experiences"
- 10:15 Trond Michelsen (Met.no) "User defined dimensions in WMS"

#### 10:30 - Coffee break

- 11:00 Alvaro Silva (Portuguese Meteorological Institute) "The geographic information systems at the Portuguese Meteorological Institute"
- 11:15 Magnus Runesson (SMHI) "GIS and web based alert system"
- 11:30 Jon Blower (University of Reading) "Visualization of 4D meteorological and oceanographic data using a Web Map Service"
- 11:45 Lúbia Vinhas (INPE/CPTEC) " Developing and using OGC compliant tools: the INPE experience"
- 12:00 Ernst de Vreede (KNMI) "Application of Magics++ in an OGC/GIS environment"
- 12:15 Raymond Sluiter (KNMI) "Automatic mapping of weather and climate variables using GIS and OGC web services"

#### 12:30 - Lunch break

- 14:00 Jiang Zhu (National Meteorological Information Centre, China) " Building open spatial data infrastructure for operational meteorology and towards compliant OGC web services"
- 14:15 Wim Som de Cerff (KNMI) "INSPIRE impact analysis on Meteorological Community (KNMI example)"
- 14:30 John van de Vegte (KNMI) "Atmospheric data access for the geospatial user community (ADAGUC)"
- 14:45 Estelle Grüter (Meteo Swiss) "GIS at Meteoswiss and the challenge to cope with interoperability"
- 15:00 Michael Schick (EUMETSAT) "The EUMETSAT earth observation portal and clearinghouse project"
- 15:15 Chris Little (UK Met Office) "Status of the VGISC procurement"
- 15:30 Silas Jones (Eurocontrol) "Meteo information in an ATM SWIM environment"

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## Programme (continued)

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15:45 Rob Atkinson (CSIRO) "Development of OGC/ISO compliant data standards supporting methodologies and tools in the Australian and international water resources domain"

16:00 Baudouin Raoul (ECMWF) "The EU funded BRIDGE project: creation of EPS products in a service oriented architecture"

16:15 - Coffee break

16:45 Working Groups (1.5 hours)

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## Programme (continued)

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### Wednesday 26 November

08:30 - Working Groups

10:30 - Coffee break

11:00 Summary WG 1      Security/Access control

11:15 Summary WG 1      GML

11:30 Summary WG 3      Coverage

11:45 Summary WG 4      Mapping (OGC co-ordinate system)

12:00 Discussion

12:30 - Lunch break

13:00 Summary, recommendations and discussion