

Annex 2 - Programme

Monday 6 September 2010

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| 8.30-9.15 | <i>Registration</i> | |
| 9.15-9.30 | Erland Källén (ECMWF) | Opening |

Session 1: Dynamical understanding of weather and climate variability over Europe

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|-------------|-----------------------------------|---|
| 9.30-10.30 | Brian Hoskins (Reading Univ.) | Theories of low-frequency variability over Europe |
| 10.30-11.00 | <i>Coffee break</i> | |
| 11.00-12.00 | Heini Wernli (ETH Zurich) | North Atlantic wave guide |
| 12.00-13.00 | Christophe Cassou (CNRS Toulouse) | Euro-Atlantic regimes and their tele-connections |
| 13.00-14.15 | <i>Lunch break</i> | |
| 14.15-15.15 | Andrea Buzzi (ISAC Bologna) | Synoptic-scale variability in the Mediterranean |
| 15.15-15.45 | <i>Coffee break</i> | |
| 15.45-16.45 | Rowan Sutton (NCAS Reading) | Variability of the Meridional Overturning Circulation in the Atlantic |
| 16.45-17.45 | Martin Visbeck (IFM-GEOMAR) | Gyre variability and tropical modes in the Atlantic |

Tuesday 7 September 2010

Session 2: Predictability and actual predictive skill of operational systems from daily to seasonal scales

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| 9.15-10.15 | Lizzie Froude (ESSC Univ Reading) | Predictability of extratropical cyclones in the North Atlantic/European regions |
| 10.15-11.15 | Jan Polcher (IPSL/CNRS France) | Modelling and predictability of weather systems in West Africa : lessons learnt from AMMA |
| 11.15-11.45 | <i>Coffee break</i> | |
| 11.45-12.45 | Renate Hagedorn (ECMWF) | The TIGGE experience: Does the multi-model concept work for medium-range weather forecasts? |
| 12.45-14.15 | <i>Lunch break</i> | |
| 14.15-15.15 | Huug van den Dool (NCEP) | Use of re-analyses and re-forecasts for the calibration of long-range predictions |
| 15.15-15.45 | <i>Coffee break</i> | |
| 15.45-16.45 | Francisco Doblas-Reyes (IC3 Barcelona) | Seasonal prediction over Europe |
| 16.45-17.45 | Hai Lin (Environment Canada) | Predictability and prediction of the Arctic and North Atlantic Oscillation |

Wednesday 8 September 2010

Session 3: Influence of ocean/land-surface/stratospheric conditions on Europe

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| 9.15-10.15 | Pedro Viterbo (Inst Meteorologia, Portugal) | Influence of land surface variability over Europe |
| 10.15-11.15 | Adam Scaife (UKMO) | Impact of ENSO over Europe |
| 11.15-11.45 | Coffee break | |
| 11.45-12.45 | Alessandra Giannini (IRI, Palisades, NY) | Impact of sea surface temperatures on African climate |
| 12.45-14.15 | Lunch break | |
| 14.15-15.15 | Frédéric Vitart (ECMWF) | Prediction of the Madden-Julian Oscillation and its impact on the European weather in the ECMWF monthly forecasts |
| 15.15-15.45 | Coffee break | |
| 15.45-16.45 | Heiner Körnich (Univ of Stockholm) | Predictability of the coupled troposphere-stratosphere system |
| 16.45-17.45 | Peter Lemke (Alfred Wegener Institute, Bremerhaven) | Variability of Arctic sea-ice and its influence |

Thursday 9 September 2010

Session 4: Looking ahead: areas of possible/expected progress

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| 9.15-10.15 | Olivier Nuisser (CNRM/GAME France) | Convective-scale and short-range predictability of high-impact weather events |
| 10.15-11.15 | Joe Tribbia (NCAR) | The future of predictability- can decadal prediction be informative? |
| 11.15-11.45 | Coffee break | |
| 11.45-12.45 | Wilco Hazeleger (KNMI) | Beyond the seasonal timescale |
| 12.45-14.15 | Lunch break | |
| 14.15-15.15 | Kiyotoshi Takahashi (JMA) | Re-analyses as predictability tools |
| 15.15-15.45 | Coffee break | |
| 15.45-16.45 | Myles Allen | Attribution of individual weather events to external drivers of climate change |
| 16.45-17.45 | Tim Palmer (ECMWF) | A grand challenge for weather and climate prediction: towards the fully probabilistic Earth-System Model |
| 17.45 | Closure of the seminar | |