

Provisional programme

Monday 6 September 2010

8.30-9.15	Registration	
9.15-9.30	Erland Källén (ECMWF)	Opening

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

9.30-10.30	Brian Hoskins (Reading Univ.)	Theories of low-frequency variability over Europe
10.30-11.00	Coffee break	
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	Lunch break	
14.15-15.15	Andrea Buzzi (ISAC Bologna)	Synoptic-scale variability in the Mediterranean
15.15-15.45	Coffee break	
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

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	Coffee break	
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	Lunch break	
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	Coffee break	
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

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

9.15-10.15	Olivier Nuissier (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	Takayuki Tokuhira (JMA)	Re-analyses as predictability tools
15.15-15.45	Coffee break	
15.45-16.45	Julia Slingo (UKMO)	Climate Services for the 21st century and the challenges for climate prediction
16.45-17.45	Myles Allen	Attribution of individual weather events to external drivers of climate change
17.45	Closure of the seminar	