Using ECMWF's Forecasts UEF2017

12 – 16 June 2017

LV = LIVESTREAMED

Programme

Monday 12 June		
13:15-14:00	*Registration*	**Weather Room**
14:00-14:15	Welcome and housekeeping	ECMWF
Session Chair: Anna Ghelli		
14:15-14:45	ECMWF products development **LV**	Florian Pappenberger (ECMWF)
14:45-15:15	ECMWF research plans **LV**	Irina Sandu (ECMWF)
15:15-15:45	*Coffee break*	**Lobby**
15:45-16:15	EUMETSAT products and services for monitoring storms: new missions, more data and more meteorological products **LV**	Jochen Grandell (EUMETSAT)
16:15-17:00	Discover ECMWF and networking ECMWF posters, ecCharts, case studies	**Weather Room, Lobby**
Tuesday 13 June		
Session Chair: Fernando Prates		
09:30-10:00	**Invited lecture:** Processing ECMWF ENS and MOGREPS-G ensemble forecasts to highlight the probability of severe extra-tropical cyclones: examples from the recent storm Doris **LV**	Helen Titley (Met Office)
10:00-10:20	Post processing of ECMWF EPS outputs by using an analog and transference technique to improve the extreme rainfall predictability in Ebro basin (Spain) **LV**	Robert Monjo (Meteogrid)
10:20-10:40	ECMWF perspective: storm forecasts **LV**	Tim Hewson (ECMWF)
10:40-11:10	*Coffee break*	**Lobby**
11:10-12:10	**Workshop:** Storm naming: Does it work? **LV**	Will Lang (Met Office) and Gerald Fleming (Met Eireann)
12:10-12:30	Using ECMWF's forecast to successfully predict and issue warnings for severe storms in Iceland: The forecasters view **LV**	Helga Ívarsdóttir (Icelandic Met Office)
12:30-13:00	How ECMWF has addressed requests from the data users **LV**	David Richardson (ECMWF)
13:00-14:00	*Lunch break*	

ECMWF, Shinfield Park, Reading, Berkshire, RG2 9AX, UK

1400-17:00	**Workshop:** Satellite-based storm monitoring and observational input to NWP **LV**	

Session Convener: Vesa Nietosvaara (EUMETSAT)

Part I: Satellite Based Storm Monitoring

14:00-14:20	Satellite monitoring of the convective storms: forecasters' point of view **LV**	Michaela Valachova (CHMI)
14:20-14:40	New observation capabilities for storm monitoring – Lightning Imager **LV**	Jochen Grandell (EUMETSAT)
14:40-15:00	ILightning Imager – User readiness **LV**	Rafal Iwanski (IMGW)
15:00-15:20	Nowcasting SAF products and applications **LV**	Pilar Ripodas (AEMET)
15:20-15:40	WMO: The role of observations and NWP for the Nowcasting of storms – the World Weather Research Programme perspective **LV**	Estelle de Coning (WMO)
15:40-16:10	*Coffee break*	**Lobby**

Part II: Satellite observational input to NWP

16:10-16:40	Satellite data assimilation in models **LV**	Tony McNally (ECMWF)
16:40-17:00	Potential for MTG-IRS to impact the forecasting of severe weather cases **LV**	Kirsti Salonen (ECMWF)
17:00-19:00	*Drinks reception and posters*	

Wednesday 14 June

Session Chair: David Richardson

09:30-10:15	**Demonstration:** Diagnostics used in the university research context **LV**	Christian Grams (ETH Zurich)
10:15-10:35	Diagnostics at ECMWF **LV**	Linus Magnusson (ECMWF)
10:35-11:05	*Coffee break*	**Lobby**
11:05-11:35	From Hazards to Impact: Experiences from the Hazard Impact Modelling project **LV**	Becky Hemingway (Met Office)
11:35-12:05	**Invited lecture:** Forecasting and modelling the high impact effects of Wind Storms for the UK transport and European energy sectors **LV**	Lara Gunn (MetDesk)
12:05-12:25	The Challenge – winning idea **LV**	Dave MacLeod (University of Oxford)
12:25-13:10	**Invited lecture:** Storm chasing **LV**	Paul Knightley (MeteoGroup)
13:10-14:10	*Lunch break*	
14:10-15:10	User Voice Corner: provide your feedback	**Weather Room, Council Chamber, MR1, LCR, Mezzanine**
15:10-15:40	*Coffee break*	**Lobby**
15:40-17:30	User Voice Corner: provide your feedback	**Weather Room, Council Chamber, MR1, LCR, Mezzanine**

Thursday 15 June

Session Chair: Ivan Tsonevski

09:30-10:15	**Demonstration:** The ESSL Testbed NWP Data Interface for recasting severe convection **LV**	Pieter Groenemeijer (European Severe Storms Laboratory)

10:15-10:35	Beauty and the beast: Storms and high-impact events as seen through the eyes of GDACS platform **LV**	Thomas Petroliagkis (Joint Research Centre)
10:35-11:10	*Coffee break*	**Lobby**
11:10-11:30	Using weather pattern analysis to identify periods of heightened coastal flood risk in the medium to long range **LV**	David Price (Flood Forecasting Centre) and Robert Neal (Met Office)
11:30-11:50	Using ECMWF forecasts to contribute to a multi-hazard early-warning service (ARISTOTLE) supporting the Emergency Response Coordination Centre (ERCC) **LV**	Jennifer Rourke (Met Office)
11:50-12:50	**ECMWF demonstrations:** • OGC web services for meteorological data (Julia Wagemann) • Visualising data: let's play with ecCharts (Cihan Sahin) • Tools and static charts available to Forecasters (Fernando Prates and Ivan Tsonevsky) • The C3S Climate Monitoring Facility (Iryna Rozum) • Using the Observation Feedback Feedback Archive (Gionata Biavati)	**Council Chamber, Classroom, Weather Room**
13:00-14:00	*Lunch break*	
14:00-15:00	**ECMWF demonstrations** • OGC web services for meteorological data (Julia Wagemann) • Visualising data: let's play with ecCharts (Cihan Sahin) • Tools and static charts available to Forecasters (Fernando Prates and Ivan Tsonevsky) • The C3S Climate Monitoring Facility (Iryna Rozum) • Using the Observation Feedback Feedback Archive (Gionata Biavati)	**Council Chamber, Classroom, Weather Room**
15:00-15:20	ecCharts **LV**	Cihan Sahin (ECMWF)
15:20-15:50	*Coffee break*	**Lobby**
15:50-16:50	**Workshop:** Hazard Impact Modelling for Storms **LV**	Ken Mylne (Met Office)
16:50-17:10	Windy demonstration	Tomas Slavkovsky (Windyty, SE)
19:00	*Dinner: Côte Brasserie*	
Friday 16 June		
Session Chair: David Lavers		
09:30-09:50	Verification at ECMWF **LV**	Thomas Haiden (ECMWF)
09:50-10:10	Forecasting large synoptic lows and severe convective storms at Met Norway **LV**	Gunnar Noer (Norwegian Meteorological Institute)
10:10-10:35	News from C3S: ERA5 **LV**	Hans Hersbach (ECMWF)
10:35-11:05	*Coffee break*	**Lobby**

11:05-11:30	Seasonal forecast at ECMWF **LV**	Laura Ferranti and Anca Brookshaw (ECMWF)
11:30-11:50	Outcomes from the User Voice Corner **LV**	
11:50-12:10	Concluding remarks	