



Using ECMWF's Forecasts (UEF2026)

Programme

Monday Agenda

Agenda time displays according to the selected time zone.

The selected timezone is Europe/London

	Registration and opening	
13:00 to 14:00	Registration and coffee	
14:00 to 14:10	Welcome	Umberto Modigliani (ECMWF)
14:10 to 14:20	Housekeeping and theme	Becky Hemingway (ECMWF)
	ECMWF updates	
14:20 to 15:30	ECMWF updates <ul style="list-style-type: none">• FSD plans and products• Research plans• ML update• Model cycles update	Eulalie Boucher (ECMWF) Matthieu Chevallier (ECMWF) Michael Sleight (ECMWF) Tony McNally (ECMWF)
15:30 to 16:00	Coffee break	
16:00 to 16:30	Medium-range forecast skill of 2m temperature in the IFS and AIFS	Thomas Haiden
16:30 to 17:00	How temperature is forecast at ECMWF	Annelize van Niekerk (ECMWF)
	Posters	
17:00 to 17:15	Poster presentations	
17:15 to 18:30	Poster session and drinks reception	

Tuesday Agenda

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	Invited speaker	
09:00 to 09:40	TBC	
	Themed Session - Temperature forecasting in Europe and beyond	
09:40 to 10:00	How can 2m temperature forecasts possibly go wrong? - an ECMWF perspective	Tim Hewson (ECMWF)
10:00 to 10:20	The May 2025 Iceland heatwave: an unprecedented early-season extreme	Kristín Hermannsdóttir (Icelandic Met Office)
10:20 to 10:40	Operational management of heat stress and heatwaves in public weather bulletins using ECMWF products in Lombardy	Gian Paolo Minardi (ARPA Lombardia) Orietta Cazzuli (ARPA Lombardia)
10:40 to 11:20	Group photo and coffee break	
	Themed Session - Temperature forecasting in Europe and beyond	
11:20 to 11:40	Evaluation of ECMWF 2 m Temperature Forecasts During Extreme Cold Events in Northern Sweden	Antonio Fuentes Moreno (SMHI)
11:40 to 12:00	TBC	
12:00 to 12:20	Evaluation of Predictability of Coldwave Events in Lesotho Using ECMWF Ensemble Forecasts	Rammolenyane Lethaha (Lesotho Meteorological Services)
12:20 to 12:40	TBC	
12:40 to 13:00	Evaluation of severe temperature events in the medium-range and sub-seasonal range in the ECMWF Severe Event Catalogue	Linus Magnusson (ECMWF)

13:00 to 14:00	Lunch break	
	Interactive activities	
14:00 to 15:00	Interactive Activity: Weather Stations part 1	
15:00 to 15:30	Coffee break	
15:00 to 17:00	Interactive Activity: Weather Stations part 2	
18:30 to 20:30	Event dinner	

Wednesday

Agenda

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	Themed Session: Forecast to Impact	
09:00 to 09:40	Keynote presentation: Title TBC	Madeleine Thomson (Wellcome)
09:40 to 10:00	Climate and Environmental Digital Twins for Human Health: Leveraging Earth Observation for Compound Climate and Air Quality Extremes Early Warning	Ana Oliveira (CoLAB +ATLANTIC)
10:00 to 10:20	Towards human-centric weather forecasting: heat and cold stress indices at ECMWF	Claudia Di Napoli (ECMWF)
10:20 to 10:40	Thermal Trace: health-related weather and climate monitoring	Rebecca Emerton (ECMWF)
10:40 to 11:20	Coffee break	
	Themed Session: Seasonal and Sub-seasonal focus	
11:20 to 11:40	Update about the work of Subgroup to Review User Relevant Sub Seasonal Verification	Anssi Vähämäki (FMI)
11:40 to 12:00	ECMWF sub-seasonal forecasts in the Swiss national drought warning system: first operational learnings	Annie Y.-Y. Chang (MeteoSwiss)
12:00 to 12:20	TBC	
12:20 to 13:00	Implementation of SEAS6	Tim Stockdale (ECMWF)
13:00 to 14:00	Lunch break	
	Themed session	

14:00 to 14:50	Live Demo: interactive apps for exploring extreme event data	Guy Griffiths (University of Reading) James Varndell (ECMWF) Matthew Menary (ECMWF) Rebecca Emerton (ECMWF)
14:50 to 15:20	Coffee break	
15:20 to 17:00	User Voice Corner	

Thursday Agenda

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	GRIB2 Update and Discussion Session	
09:00 to 09:50	GRIB2 - Update and Q&A session	Sebastien Villaume (ECMWF)
09:50 to 10:10	Bias correction for surface atmospheric variables using a statistical modelling approach	Mahmud Hasan Ghani (CMCC)
10:10 to 10:50	A Novel Member-By-Member Postprocessing Framework for Ensemble Temperature Forecasts	Bahram Oghbaei (Ecole de Technologie Superieure)
10:50 to 11:10	Coffee break	
	Themed Session	
11:20 to 11:40	Operational AI Downscaling System and Its Performance in Predicting Extreme Temperatures in Japan during Summer 2025	Fuki Kudo (Weathernews Inc.) Jumpei Fujino (Weathernews Inc.)
11:40 to 12:00	AI-Driven Innovation in Temperature Prediction: Anomaly Detection in SYNOP and TAF Forecasts Using ECMWF Products - A Case Study from Jordan	Ibrahim Hadyeh (Jordan Meteorological Department)
12:00 to 12:20	Comparing AI and NWP operational forecasts for the energy sector for winter 2025/26	Isla Finney (Lake Street Consulting Ltd)
12:20 to 12:40	Medium-Range Temperature Regime Transitions over Montenegro's Complex Terrain: A Comparison of AI and NWP Forecasts	Aleksandar Zecevic (IHMS of Montenegro)
12:40 to 13:00	Comparing AIFS and high-resolution IFS (4.4km) simulations for 2-m temperature extremes: when does the ML model excel and when does resolution matter?	Estibaliz Gascon (ECMWF)

13:00 to 14:00

Lunch break

Closing session

Final session

14:00 to 15:00

Interactive session

15:00 to 15:40

Closing speaker

15:40 to 15:50

Event close