

Programme of the 47th EWGLAM and 32nd SRNWP Meeting

SMHI, Norrköping
Room Stora Sjöfallet

CEST	Monday, 22 September 2025
08:30-09:00	Registration and Poster set-up
09:00-09:10	Opening: SMHI
09:10-09:15	Christoph Gebhardt: Introduction to the meeting
	Consortia Presentations (Chair: Jelena Bojarova; co-chair: SMHI)
09:15-09:30	Met Office (Aurore Porson)
09:30-09:45	ACCORD (Claude Fischer)
09:45-10:00	HIRLAM overview and transition (Jeanette Onvlee)
10:00-10:15	LACE (Martina Tudor)
10:15-10:30	COSMO overview (Christoph Gebhardt)
10:30-11:00	COFFEE BREAK
11:00-11:30	ECMWF (Arisitofanis Tsiringakis)
	Review talks (Chair: Daniel Yazgi; co-chair: Tomas Landelius)
11:30-12:05	Dieter van den Bleeken: “Comparing stretched-grid and limited-area modelling for data-driven regional weather forecasting”
12:05-12:40	Humphrey Lean: “Current status and future developments in Hectometric prediction”
12:40-13:00	Marek Jacob: “Update on the E-AI EUMETNET Programme” (online)
13:00-14:00	LUNCH BREAK
	Session on Predictability and EPS (Chair: Aurore Porson; co-chair: Clemens Wastl)
14:00-14:20	Clemens Wastl: “EPS activities in LACE” (online)
14:20-14:40	Inger-Lise Frogner: “EPS developments with Harmonie”
14:40-15:00	Chiara Marsigli: “Ensemble activities in COSMO”
15:00-15:20	Carlo Cafaro: “Analysis of MOGREPS-UK ensemble spread and skill and their prediction using machine learning”
15:20-15:40	Arisitofanis Tsiringakis: “Recent developments in km-scale ensemble and uncertainty representation at ECMWF”
15:40-16:00	DISCUSSION
16:00-16:30	COFFEE BREAK
	Session on Dynamics (Chair: Tommaso Benacchio; co-chair: Natalia Szopa)
16:30-16:50	Petra Smolikova: “Novelties for model dynamics stability and accuracy in high resolutions”
16:50-17:10	Michael Baldauf: “Further developments in the Discontinuous Galerkin based dynamical core for ICON”
17:10-17:20	DISCUSSION
17:20-18:30	Poster Session (chair: Christoph Gebhardt)
	Introduction to national posters (30 min) followed by poster viewing
18:30-20:30	ICEBREAKER

CEST	Tuesday, 23 September 2025
	Thematic sessions of Expert Teams:
	Session on Verification (Chair: Sylvia Bohnenstengel; co-chair: Chiara Marsigli)
08:30-08:50	Flora Gofa: „COSMO verification activities” (online)
08:50-09:10	Simona Tascu: „LACE verification activities”
09:10-09:30	Alaoui Badreddine: „Evaluation of AROME NWP model in forecasting extreme weather events in Morocco” (online)
09:30-09:50	Marion Mittermaier: „Synthesizing systematic improvements during the model development cycle using data-driven methods”
09:50-10:10	Juan Jesus Gonzalez Aleman: „Evaluating sub-kilometric simulations in the HARMONIE-AROME model on high-impact convective storms” (online)
10:10-10:30	Jacob Francis: „Examining entropic unbalanced optimal transport and Sinkhorn divergences for spatial forecast verification”
10:30-10:50	DISCUSSION
10:50-11:20	COFFEE BREAK
11:20-12:50	Parallel session on predictability and EPS (Chair: Chiara Marsigli; co-chair: tba) Room Vadstena - Brent Walker, Steven Willington: “New tools and visualisations developed and planned to transform the way Met Office operational meteorologists interact with ensemble data” - Gregory Roux: “Evolution of model error representation in Arome-EPS: Implementation of a random parameter perturbation” (online) - Discussion
11:20-12:50	Parallel session on verification (Chair: Marion Mittermaier; co-chair: Rachel North) Room Stora Sjöfallet 11:20-11:35 – Rachel North: “An example of model evaluation process” 11:35-12:50 – Panel Discussion: “Given the new models on the horizon, does the model evaluation process need to change/evolve? If so, how and why?”
12:50-13:50	LUNCH BREAK
	EUMETNET presentation
13:50-14:00	Christoph Schraff: “News about C-SRNWP” (online)
	Session on Data Assimilation (Chair: Reima Eresmaa; co-chair: Loïk Berre)
14:00-14:20	Christoph Schraff: “Update on data assimilation in COSMO” (online)
14:20-14:40	Marco Milan: “LAM-DA impact during the forecast time”
14:40-15:00	Magnus Lindskog: “Algorithmic developments in ACCORD”
15:00-15:20	Antonín Bučánek: “Advances in the use of observations in ACCORD”
15:20-15:40	Valerie Vogt: “The new AROME-France E-suite: data assimilation aspects and general performances”
15:40-16:00	DISCUSSION
16:00-16:30	COFFEE BREAK
16:30-17:30	ACCORD Local Team Managers meeting (for LTMs or their representatives)

CEST	Wednesday, 24 September 2025
	Session on Surface and Soil aspects (Chair: Stefan Schneider; co-chair: Helga Tóth)
08:30-08:50	Jürgen Helmert: “Surface activities in the COSMO consortium”
08:50-09:10	Christoph Rudiger and Souhail Boussetta: “Making use of data for physical land surface model developments at ECMWF”
09:10-09:30	Patrick Samuelsson: “ACCORD overview of surface activities”
09:30-09:50	Jürgen Helmert: “Advancing ancillary parameters and soil processes for numerical weather prediction at DWD”
09:50-10:10	DISCUSSION
10:10-10:40	COFFEE BREAK
	Parallel Sessions
10:40-12:10	Parallel session on Surface and Soil Aspects (Chair: Patrick Samuelsson; co-chair: Helga Tóth) Room Vadstena 10:40-11:00 – Martina Tudor: “Coupling ALARO physics with SURFEX” 11:00-11:20 – Jan-Peter Schulz: “Land surface atmosphere interactions simulated by the ICON atmospheric model” 11:20-11:40 – Abhishek Lodh: “Recent advancements in EnKF based LDAS methods for the soil diffusion based ISBA model at SMHI” 11:40-12:00 – Patrick Samuelsson: “Sensitivity studies for characterisation of thermal and moisture properties of the uppermost soil layers” 12:00-12:10 – Discussion
10:40-12:10	Parallel session on Data Assimilation (Chair: Magnus Lindskog; co-chair: Benedict Strajnar) Room Stora Sjöfallet 10:40-11:00 – Benjamin Menetrier: “A modern implementation of the spectral background error covariance matrix” 11:00-11:20 – Swapn Mallick: "Importance of remote sensing observation in reanalysis data" 11:20-11:40 – Xu Xu: “High-resolution data assimilation in global and regional ICON for the GLORI Digital Twin” 11:40-12:00 – Lee Hawkness-Smith: “Improvements to direct assimilation of radar reflectivity in Met Office UKV, including use of French and German radars” 12:00 – Thomas Gastaldo, Poster intro: “High-Resolution data assimilation with ICON and KENDA at Agenzia ItaliaMeteo and Arpae “ 12:00-12:10 – Discussion
12:10-13:00	LUNCH BREAK
13:00-21:00	EXCURSION AND DINNER

CEST	Thursday, 25 September 2025
	Thematic sessions of Expert Teams:
	Session on Physical Parameterisation (Chair: Eric Bazile; co-chair: Mike Bush)
08:30-08:50	Wim de Rooij: “An organisation aware convection scheme for the grey zone”
08:50-09:10	Eric Bazile: “A preliminary study on the ‘explicit’ integration of building heights in the high resolution AROME model”
09:10-09:30	Matthias Raschendorfer: “Some recent development for ICON physics”
09:30-09:50	Sylvia Bohnenstengel: “Implementation of the Regional Atmosphere Land 3 (RAL3) within the next generation Momentum framework and LFRic atmosphere”
09:50-10:10	Gareth Dow: “Latest updates to the UK regional modelling system”
10:10-10:30	Mario Hrastinski: “Physics activities in RC-LACE”
10:30-10:50	DISCUSSION
10:50-11:20	COFFEE BREAK
	Session on Link with Applications (Chair: Jeanette Onvlee; co-chair: Mike Bush)
11:20-11:40	Roger Randriamampianina: “Extremes Digital Twin”
11:40-11:50	DISCUSSION
	Closing Session (chair: Chiara Marsigli; co-chair: tba)
11:50-12:20	Summary of parallel sessions by Expert Team Chairs
12:20-13:00	EWGLAM final DISCUSSION
13:00	END OF THE MEETING

Thematic Posters

- Alija Bevrnja: “Further verification of ICON-O Limited Area Mode”
- Benjamin Menetrier, Fabius Voitus: “SEAM: a simple and robust periodization method”
- Daniel Yazgi: “Time interpolation using diffusion models”
- Tatiana Tabalchuk: “Influence of perturbation of surface temperature on temperature inversion at selected SYNOP stations in Poland”
- Thomas Gastaldo: “High-resolution data assimilation with ICON and KENDA at Agenzia ItaliaMeteo and Arpae”

National Posters

- Javier CALVO AEMET
- Alena Trojakova Czech Hydrometeorological Institute
- Tommaso Benacchio Danish Meteorological Institute
- Christoph Gebhardt Deutscher Wetterdienst DWD
- Endi Keresturi DHMZ
- Carl Fortelius Finnish Meteorological Institute
- Gabriella Szepszo HungaroMet
- Andrzej Mazur IMGW - National Research Institute (Warsaw: COSMO)
- Marcin Kolonko IMGW - National Research Institute (Cracow: ALADIN)
- Masahiro SAWADA Japan Meteorological Agency

- Cécile LOO Météo-France
- Mihail Oprea NMA, Romania (ALADIN - ACCORD)
- Stefan Dinicila, Mihaela Bogdan NMA, Romania (COSMO)
- Oldřich Španiel/André Simon Slovak Hydrometeorological Institute
- Martin Ridal SMHI

Please follow this link to a page with Zoom video links for remote participation