

Programme of the 44th EWGLAM and 29th SRNWP Meeting
(all times in CEST)

Monday, 26th September	
08:30-09:00	Registration and Poster set-up
09:00-09:10	Opening: Daniel Gellens, Director of RMI
09:10-09:15	Balázs Szintai: Introduction to the meeting's programme
	Consortia Presentations (Chair: Piet Termonia; co-chair: Christoph Wittmann)
09:15-09:30	Met Office (Stuart Webster)
09:30-09:45	ACCORD (Claude Fischer)
09:45-10:00	HIRLAM (Jeanette Onvlee)
10:00-10:15	LACE (Martina Tudor)
10:15-10:45	COFFEE BREAK
10:45-11:00	COSMO (Christoph Gebhardt)
11:00-11:30	ECMWF (Peter Bechtold)
	Review talks (Chair: Dmitrii Mironov; co-chair: Yann Seity)
11:30-11:50	Nils Wedi: "Destination Earth - Opportunities & Challenges"
11:50-12:20	Sylvie Leroyer: "The fascinating albeit unpaved road for subkilometer NWP systems : a Canadian perspective"
12:20-12:50	Humphrey Lean: "On the challenges of hectometric-scale models for operational application"
12:50-14:00	LUNCH BREAK
14:00-14:30	Sue Grimmond: "High resolution NWP modelling: evaluation and developments"
14:30-15:00	Alejandro Hermoso: "Potential of stochastic methods for improving convection-permitting ensemble forecasts of extreme events"
	EUMETNET presentations (Chair: Francesca Marcucci; co-chair: Stéphane Vannitsem)
15:00-15:15	Aline Kraai: "Developments in EUMETNET"
15:15-15:30	Balázs Szintai: "Actual coordination activities within C-SRNWP"
15:30-15:50	COFFEE BREAK
	Session on Dynamics (Chair: Daan Degrauwe; co-chair: Colm Clancy)
15:50-16:10	Michael Baldauf: "The BRIDGE project - Basic Research for ICON with Discontinuous Galerkin Extension"
16:10-16:30	Petra Smolikova: "First attempts to implement horizontal features to the turbulence scheme TOUCANS of ACCORD"
16:30-16:50	Fabrice Voitus: "Improving the robustness of the constant-coefficient ICI scheme of the dynamical core of AROME model"
16:50-17:10	Christian Kuehnlein: "Developing a performance-portable finite-volume model for high-resolution NWP"
17:10-17:20	DISCUSSIONS
	Poster Session (chair: Balázs Szintai)
17:20-18:20	Introduction to national posters
18:20-20:00	ICEBREAKER AND POSTER VIEWING SESSION

Tuesday, 27th September	
Thematic sessions of Expert Teams:	
Session on Link with Applications (Chair: Jeanette Onvlee; co-chair:)	
08:30-08:50	Roger Randriamampianina: "On-Demand Extremes Digital Twin"
08:50-09:10	Andrzej Mazur: "Operational forecasts of the air dispersion of hazardous pollutants based on results of COSMO model"
09:10-09:30	Aurore Porson: "Exploiting the benefits of testbeds in the Met Office R2O-O2R cycle"
09:30-09:50	Sander Tijm/Eoin Whelan: UWC-West operational cooperation: organization aspects and status
09:50-10:10	Åke Johansson: "A set of deterministic and probabilistic forecast products for aviation purpose"
10:10-10:30	Alaoui Badreddine: "New AI based weighting strategy for 2m temperature and 10m wind speed forecasting over Moroccan airports using the analog ensemble method"
10:30-10:40	DISCUSSIONS
10:40-11:00	COFFEE BREAK
Session on Predictability (Chair: Chiara Marsigli; co-chair:)	
11:00-11:20	Clemens Wastl: "EPS activities in RC-LACE"
11:20-11:40	Chiara Marsigli: "From COSMO ensembles to ICON ensembles"
11:40-12:00	Aurore Porson: "Use of multi-model convective-scale ensembles for high-profile rainfall cases over the UK"
12:00-12:20	Carlo Cafaro: "Evaluating different convective-scale ensembles over the UK"
12:20-12:30	DISCUSSIONS
12:30-13:30	LUNCH BREAK
Session on Verification (Chair: Marion Mittermaier; co-chair:)	
13:30-13:50	Flora Gofa: Overview of consortium verification activities
13:50-14:10	Juan Jesus Gonzalez Aleman: Testing very high-resolution simulations in HARMONIE-AROME
14:10-14:30	Joel Stein and Fabien Stoop: Neighborhood pooling for evaluating ensemble forecasts of binary events with the Brier Divergence
14:30-14:50	Marion Mittermaier Update on METplus implementation at the Met Office
14:50-14:55	Sebastian Cole et al. : Two METplus implementation posters
14:55-15:05	DISCUSSION
15:05-15:30	COFFEE BREAK
15:30-17:30	Special Session: Future evolution of HPC architectures and the relation of these to earth system modelling (Chair: Daniel Santos; co-chair: Marco Arpagaus) Mario Acosta: "HPC evolution for weather and climate models" Pekka Manninen: "The EuroHPC flagship supercomputer LUMI in service of the weather and climate community" Stan Posey: "NVIDIA HPC Technologies Enabling the Earth-2 Digital Twin Initiative"
17:30-19:00	ACCORD Local Team Managers meeting (for LTMs or their representatives)

	Wednesday, 28th September
	Parallel Sessions
09:00-10:30	Parallel session on surface aspects Jan-Peter Schulz et al.: "A new urban parameterisation for the ICON atmospheric model" Jürgen Helmert: "Mire parameterization in the surface subgrid structure of ICON - implications for physiographic data" Balázs Szintai: "Introducing a daily updated Leaf Area Index in AROME-Hungary"
09:00-10:30	Parallel session on verification Discussion on the following topics: 1. Evaluation systems coping with the changes in modelling systems 2. Implications of increasing complexity of the modelling chain to verification 3. Ability of NMHSs to develop and maintain own verification software 4. Community tools for verification
10:30-11:00	COFFEE BREAK
	Thematic sessions of Expert Teams:
	Session on Upper Air Physics (Chair: Mike Bush; co-chair: Anne McCabe)
11:00-11:20	Yann Seity: "Recent progress in Météo-France physics (AROME)"
11:20-11:40	Bogdan Bochenek: "Physics parametrisations developments and plans in RC LACE"
11:40-12:00	Anke Finnenkoetter: "Updates on the Met Office RAL3 configuration"
12:00-12:20	Matthias Raschendorfer: "Ongoing and new physics development in COSMO"
12:20-12:40	Emily Gleeson: "Recent progress in HARMONIE-AROME physics"
12:40-13:00	Kristian Pagh Nielsen: "Spectral coupling between the atmosphere and snow surfaces"
13:00-13:15	DISCUSSION
13:15-14:15	LUNCH BREAK
	Parallel Sessions
14:15-16:00	Parallel session on predictability 14:15 - 14:45 - "Towards ICON-LEPS", I. Cerenzia and C. Marsigli (10 minutes) Discussion about possible collaborations in CP ensemble in Europe 14:45 - 15:15 - "SRNWP-EPS status", A. Callado (10 minutes) - "Calibration on extremes", M. Cortes (10 minutes) - "LAM-EPS EFI and SOT", J. Montolio (10 minutes) 15:15 - 16:00 Discussion about the requirements for next EUMETNET phase
14:15-16:00	Parallel session on physics Eric Bazile: Recent progress in ARPEGE and AROME at 500m Natalie Theeuwes: "The representation of boundary-layer turbulence in sub-km NWP" (poster) Discussion on hectometric-scale models and physics
16:00-22:00	EXCURSION AND DINNER

	Thursday, 29th September
	Thematic sessions of Expert Teams:
	Session on Surface Aspects (Chair: Patrick Samuelsson; co-chair: Helga Tóth)
08:40-09:05	Jürgen Helmert: “Overview of COSMO surface activities”
09:05-09:30	Gianpaolo Balsamo or Patricia de Rosnay: “Overview of land data assimilation and modelling advances at ECMWF”
09:30-10:00	Patrick Samuelsson and Ekaterina Kurzeneva: “ACCORD overview of surface activities”
10:00-10:20	Sandro Oswald: “Verification and updates of the ESA-CCI land cover product”
10:20-10:30	DISCUSSIONS
10:30-11:00	COFFEE BREAK
	Session on Data Assimilation (Chair: Roger Randriamampianina; co-chair: Philippe Chambon)
11:00-11:20	Marco Milan: “The Met-Office LAM DA system, present and future”
11:20-11:40	Magnus Lindskog: “NWP based nowcasting in ACCORD”
11:40-12:00	Benedikt Strajnar: “Use of new types of observations in ACCORD”
12:00-12:20	Loïk Berre: “EnVar in OOPS for ACCORD”
12:20-12:40	Christoph Schraff: “Update on KENDA and a particle filter”
12:40-13:00	Martin Ridal: “Use of radar radial winds from the OPERA network”
13:00-13:10	DISCUSSIONS
13:10-14:00	LUNCH BREAK
	Closing Session (chair: Balázs Szintai)
14:00-14:40	Summary of parallel sessions by Expert Team Chairs
14:40-15:00	EWGLAM final discussion
15:00	END OF THE MEETING