PROGRAMME

EUMETNET SRNWP-EPS 2019-2023

2022/2023 ANNUAL WORKSHOP

"From ensemble perturbations to an effective usage of ensemble forecasts"

07-09 February 2023, Rome (Italy)

Tuesday 7th Morning February 2023

10:00 – 10:10 Opening and welcome (Col. Adriano Raspanti - Italian Air Force)

10:10 – 10:20 Presenting EPS workshop (F. Marcucci)

Session 1: SRNWP-EPS project status (Chairperson F. Marcucci)

10:20 – 10:45 M. Cortès: *"Development of a LAM-EPS post-processing software within EUMETNET SRNWP-EPS project"*

10:45 – 11:10 L. Papale: *"Status of the Application Task on post-processing products"*

11:10 – 11:40 COFFEE BREAK

11:40 – 12:05 J. Montolio: *"Defining an Extreme Forecast Index (EFI) and Shift Of Tails Index (SOT) for EUMETNET LAM-EPS"*

12:05 – 12:30 A. Callado: *"SRNWP-EPS LAM-EPS database status"*

Session2: EUMETNET Next phase 2024-2028

12:30 – 12:50 A. Kraai: *"EUMETNET Next phase"*

12:50 – 13:10 A. Callado: *"SRNWP-EPS next phase"*

13:10 -14:20 LUNCH

Tuesday 7th Afternoon February 2023

Session 3: SRNWP-EPS LAM-EPS Research Plan (Chairperson: C. Marsigli)

14:20 – 15:00 Ron McTaggart-Cowan: *"Representing Model Uncertainty using Stochastically Perturbed Parameterization."* (**invited**)

15:00 – 15:25 A. Hally "*Operational EPS use, SRNWP-EPS database applications and EPS research at Met Éireann* "

15:25 – 15:50 A. McCabe: *"The potential benefits of a mixed-physics ensemble for high impact weather forecasting"*

15 :50 – 16 :20 **COFFEE BREAK**

16:20 – 16:45 I.-L. Frogner: *" Diagnostics of the uncertainty representation in HarmonEPS"*

16:45 – 17:10 C. Gebhardt: *"Current developments in convective-scale ensemble methods at DWD for NWP and its seamless combination with nowcasting"*

17:10 – 17:20 C. Marsigli: *"Research Plan"*

17:20 – 18:00 Research plan and database discussion: future and challenges

Wednesday 8th Morning February 2023

Session 4: EPS usage and products (Chairperson A. McCabe)

9:00 – 9:40 K. Mylne: "*The use of ensemble and probabilistic forecasts in Met Office services*" (**invited**)

9:40 – 10:05 L. Raynaude: "*User-oriented applications and products with AROME-France EPS : current status and future directions*"

10:05 – 10:30 R. Stanzani "*Use of forecast probabilistic products at Arpae-Simc*"

10:30 – 10:55 A. Mazur: *"Operational use of (COSMO) ensembles at IMWM-NRI"*

10:55 – 11:25 COFFEE BREAK

Session 4: EPS usage and products (cntd) (Chairperson C. Gebhardt)

11:25 – 11:50 A. Callado Pallares: *"AEMET-gSREPS products and forecasting offices feed-back"*

11:50 – 12:15: R. Pascual-Berghaenel*: "AEMET Barcelona forecasting office experiences using LAM-EPS gSREPS" (on-line)*

12:15 – 12:40: S. Willington "*Operational use of ensembles at the Met Office, challenges and plans for the future* "

12:40 -14:00 LUNCH

14:00 – 15:00 Discussion on usage and interpretation of ensemble (chair: Ken Mylne)

EXCURSION with DINNER

We meet at 17:00 in front of the Museum « Centrale Montamartini », Via Ostiense, 106

Thursday 9th Morning February 2023

Session 5: EPS usage and calibration (Chairperson A. Callado)

09:00 – 09:40 **M. Clare :** *"Using state-of-the-art machine learning techniques to post-process numerical weather forecasts"* (**invited**)

09:40 – 10:05 S. Vannitsem: *"Status, challenges and avenues in ensemble calibration"*

10:05 – 10:45 **P. Groenemeijer:** *"Convection-permitting ensembles at the ESSL Testbeds*" (**invited**)

10:45 – 11:10 COFFEE BREAK

11:10 – 11:35 N. Hruskova "*Success rate of ensemble models in precipitation prediction for Slovakia* "

11:35 – 12:00 H. Feddersen "*On the reliability of upscaled probability forecasts* "

12:00 – 13:00 next phase discussion

13:00 closure


EUMETNET
EUROPEAN METEOROLOGICAL
SERVICES NETWORK

AERONAUTICA MILITARE
SERVIZIO METEOROLOGICO
1923
2008

AEMet
Agencia Estatal de Meteorología

RMI