PROGRAMME

EUMETNET SRNWP- EPS 2019-2023

Workshop on "LAM-EPS prediction of high impact weather and extremes"

22-24 October 2019, Madrid (Spain)

Programme

Tuesday 22nd October 2019

13:40 – 13:50   Opening and welcome addresses (J.A. Fernández Monistrol, AEMET director of Development and Infrastructures).

13:50 – 14:15   Status of the Project and purpose of the Workshop (A. Callado)

EPS_0 Survey

14:15 – 14:55   Summary of the survey of LAM-EPS and application tasks (F.Marcucci and A.Callado)

14:55 – 15:20   Discussion about survey results

EPS_4 User-oriented verification of probabilistic products for high-impact weather

15:20 – 15:35 C. Marsigli: *"Activities of the JWGFVR of WMO."*

EPS_1 and EPS2 Application tasks: calibration on extremes and post-processing

15:35 – 16:00   R. Golino: *"Status of the application package on products for high-impact weather."*

16:00 – 16:40 Tea-break

16:40 – 16:55   A. Callado: *"Status of the application package on calibration on extremes."*

16:55 – 17:10 Discussion on the SW packages

Wednesday 23rd October 2019

EPS_3 Research on model uncertainties/perturbations

08:40 – 08:45 **Free board: ideas and notes about future LAM-EPS cooperation and perturbations tests**

08:45 – 09:20 **I. Jankov:** *"Stochastically Perturbed Parameterizations (SPP) in High Resolution Rapid Refresh Ensemble (HRRRE)."* (Invited speaker)

09:20 – 09:55 **F. Bouttier:** *"Multi-ensemble probabilistic thunderstorm forecasting."* (Invited speaker)

09:55– 10:20 **A. Porson:** *"The UK Met Office convective-scale ensemble: overview of the latest developments in ensemble perturbations."*

10:20 – 11:00 *Coffee-break*

11:00 – 11:25 **C. Marsigli:** *"Ensemble forecasting at DWD."*

11:25 – 11:50 **U. Andrae:** *"Toward continuous ensemble generation in MetCoOp."*

11:50 – 12:15 **I-L. Frogner:** *"Developing SPP in HarmonEPS."*

12:15 – 12:40 **H. Feddersen:** *"Prediction and verification of high impact rainfall from DMI's COMEPS system."*

12:40 – 14:00 *Lunch*

14:00 – 14:25 **J. Kilpinen:** *"The use of HARP system for ensemble calibration and verification at FMI."*

14:25 – 15:55 **Discussion about future LAM-EPS cooperation and perturbations tests (C.Marsigly)**

15:55 – 16:40 *Tea-break*

EPS_10 User group to identify end-users (Nice to Have)

16:40 – 16:50 Setting user group to identify the most relevant end-users of LAM-EPS products for high-impact weather forecasting *(A.Callado)*

16:50 – 17:30 **Discussion about end-users user group**

20:00 **Social dinner** *Sidrería Donosti*

Thursday 24ᵗʰ October 2019

EPS_1 and EPS2 Application tasks: calibration on extremes and post-processing

09:00– 09:35 J.A. Sosa: *"Lightning forecasting with HARMONIE graupel fields."* (Invited speaker)

09:35 – 10:00 A. Mazur: *"EPS-Case study of serious HIW event in Poland, August 11th, 2017. Increasing resolution approach – from 7 km to 0.7km."*

10:00 – 10:25 D. Quintero: *"Some remarks regarding the calibration of the temperature for the γSREPS."*

10:25 – 11:10 Coffee-break

11:10 – 11:35 N. Roberts: *"Making use of ensemble forecasts for seamless prediction – IMPROVER at the Met Office and a few other things."*

11:35 – 12:10 E. Gascón: *"ecPoint-rainfall and MISTRAL"* (Invited speaker)

EPS_7, EPS_8 and EPS_8 Extra-application tasks: Extreme forecast Index for LAM-EPS

12:10 – 12:20 EPS_7, EPS_8 and EPS_8 Extra-application tasks (A.Callado, F.Marcucci)

12:20 – 12:55 L. Raynaud: *"Detection of Severe Weather Events in AROME-EPS using EFI and SOT."* (Invited speaker)

12:55 – 13:20 Discussion about extra-application tasks

13:20 – 13:30 Final remarks and closing workshop