
PROGRAMME

EUMETNET 2019-2023

SRNWP-EPS workshop 2021

**Workshop on “LAM-EPS verification on extremes and forecasting value chain
for High Impact Weather”**

26-28 October 2021, BlueJeans video-conference meeting

CEST TIME (UTC + 2 hours)

Tuesday 26th Morning October 2021

<https://bluejeans.com/736316721/2982>

09:30 – 09:40 Opening and welcome (J. Montero Garrido, AEMET director of Development and Infrastructures).

09:40 – 09:50 Forecasting Capability Area (Dick Blaauboer and Aline Kraai)

09:50 – 10:00 Presenting EPS workshop (A. Callado)

Session 1: EPS project and application status

10:00 – 10:25 A. Callado: “SRNWP-EPS status”

10:25 – 10:50 R. Golino and F. Marcucci: “Status of the Application Task on post-processing products”

10:50 – 11:00 Discussion time

11:00 – 11:30 Coffee break

Session 2: EFI and SOT (Chairperson: A. Callado)

11:30 – 12:00 I. Tsonevsky: “The Extreme Forecast Index and Shift Of Tails at ECMWF” (**invited**)

12:00 – 12:10 J. Montolio: “Defining an Extreme Forecast Index (EFI) and Shift Of Tails Index (SOT) for EUMETNET LAM-EPS”

12:10 – 12:20 Discussion time

CEST TIME (UTC + 2 hours)

Tuesday 26th Afternoon October 2021

Session 3: SRNWP-EPS LAM-EPS database and Research Plan (Chairperson: C. Marsigli / A. Callado)

<https://bluejeans.com/553546542/0555>

14:30 – 14:40 A. Callado: *“SRNWP-EPS LAM-EPS database status”*

14:40 – 15:00 D. Flack: *“An Update on Multi-Model Ensemble Evaluation over the British Isles”*

15:00 – 15:20 C. Marsigli: *“Research Plan”*

15:20 – 16:00 Database and research plan discussion: future and challenges

CEST TIME (UTC + 2 hours)

Wednesday 27th Morning October 2021

Session 4: EPS applications (Chairperson: F. Marcucci)

<https://bluejeans.com/576254957/0679>

09:30 – 10:00 H. Richter: *“New convective guidance at the Australian Bureau of Meteorology”*
(invited)

Session 5: Value Chain (Chairperson: C. Marsigli)

10:00 – 10:30 B. Ebert: *“Using Value Chain Approaches to Evaluate End-to-End Warning Systems”* **(invited)**

10:30 – 11:00 Some value chain experiences

- **S. González:** *“Value Chain in Warm Convection over Barcelona”*
- **B. Elvira:** *“Impact of Antarctica visibility forecasts on logistic activities”*
- **M. Cortès and J. Montolio:** *“Alcanar flash-flood episode”*
- **DWD:** *“Heavy rainfall events leading to the severe flooding in Western Europe during July 2021”*
- **Others very welcome**

11:00 – 12:30 Value chain activity and proposal to participate in the database of the WWRP Value Chain Project. (For the activity the participants will be divided in 2 breakout sessions)

CEST TIME (UTC + 2 hours)

Wednesday 27th Afternoon October 2021

Session 6: LAM-EPS, Post-processing and applications (Chairperson: F. Marucci / A. Callado)

<https://bluejeans.com/275654685/7937>

- 14:30 – 15:00** **A. Jardines:** *“Applying LSTM to High Resolution Numerical Weather Products for Convection Prediction”* (**invited**)
- 15:00 – 15:20** **M. Ponzano:** *“Design of an object-based probabilistic convection product for air traffic management using AROME-EPS”*
- 15:20 – 15:40** **A. Hermoso:** *“Analysis of multiple ensemble prediction systems for Mediterranean extreme weather forecasting”*
- 15:40 – 16:00** **A. McCabe:** *“Ensemble forecasting of the SOFOG 3D experiment”*
- 16:00 – 16:10** **Discussion**

CEST TIME (UTC + 2 hours)

Thursday 28th Morning October 2020

Session 7: Calibration on Extremes (Chairperson: M. Cortès / A. Callado)

<https://bluejeans.com/729366412/2658>

09:30 – 10:00 S. Lerch: “AI methods for post-processing ensemble predictions” (**invited**)

10:00 – 10:30 M. Taillardat: “Extreme events and ensemble post-processing: from forecast to evaluation” (**invited**)

10:30 – 10:50 M. Cortès: “A comparison on ensemble post-processing methods using the SRNWP-EPS database”

10:50 – 11:00 Discussion time

11:00 – 11:10 Final remarks and closing workshop