



EUMETNET SRNWP- EPS Phase II

Workshop on “Probabilistic prediction of severe weather phenomena: role of physics perturbations”

24-25 October 2018, Barcelona (Spain)

First Announcement

In the framework of the SRNWP-EPS Phase II Project of EUMETNET the fourth and last Workshop is organized in 2018, on “Probabilistic prediction of severe weather phenomena: role of physics perturbations”.

The Workshop will take place at CosmoCaixa (Barcelona Science Museum) in Barcelona city (Spain), from the 24th to 25th of October 2018. Tentatively, the Workshop will start on the 24th at 9:00 CET and it will end on the 25th at 17:00 CET.

The aim of the Workshop is to bring together the participants in the EUMETNET SRNWP EPS Phase II project as well as scientists working in the field to present and discuss the status the work carried out in the project so far with a focus on the role of physics perturbation in the performance of ensemble forecasting for severe weather. The workshop will be organized with two branches: the application and the research ones. From the application point of view, the methods developed in the project for 1) calibration of ensembles and 2) products for probabilistic prediction of thunderstorms and fog will be presented. From the research point of view, results from experiments / operational activities on probabilistic prediction of severe weather with a focus on the role of soil/surface and PBL perturbations will be shown and discussed.

The Workshop will be structured in invited presentations, presentations by participants, posters and discussion sessions.

Participants are invited to submit abstracts, mainly on the on the topics:

- Probabilistic prediction of severe weather (esp. thunderstorms and fog), included verification
- Physics perturbations: methods, results of experiments and open issues



- Plans for ensemble forecasting, including development of new products, new verification methods, development of model perturbation.

Registration

Register by sending an email to Alfons Callado (acalladop@aemet.es) and Chiara Marsigli (cmarsigli@arpae.it).

The final date for registration will be October the 10th 2018.

Call for papers

Abstract [including title, authors name(s) and affiliation plus a preference for oral or poster presentation] should be submitted through e-mail to Alfons Callado (acalladop@aemet.es) and Chiara Marsigli (cmarsigli@arpae.it).

Deadline for submission of abstracts is October the 10th, 2018.

Acceptance will be notified with the second circular.

Program

The Project Coordinators Alfons Callado Pallares (AEMET), Chiara Marsigli (Arpae-SIMC) and Francesca Marcucci (COMET) will prepare the program.

The detailed program will be compiled following the number of presentations leaving enough time for the working group discussions.

Venue

The Workshop will be hold at CosmoCaixa Barcelona located in the north-west part of Barcelona and well communicated with the city center:

- Address: Isaac Newton street, 26, 080022, Barcelona

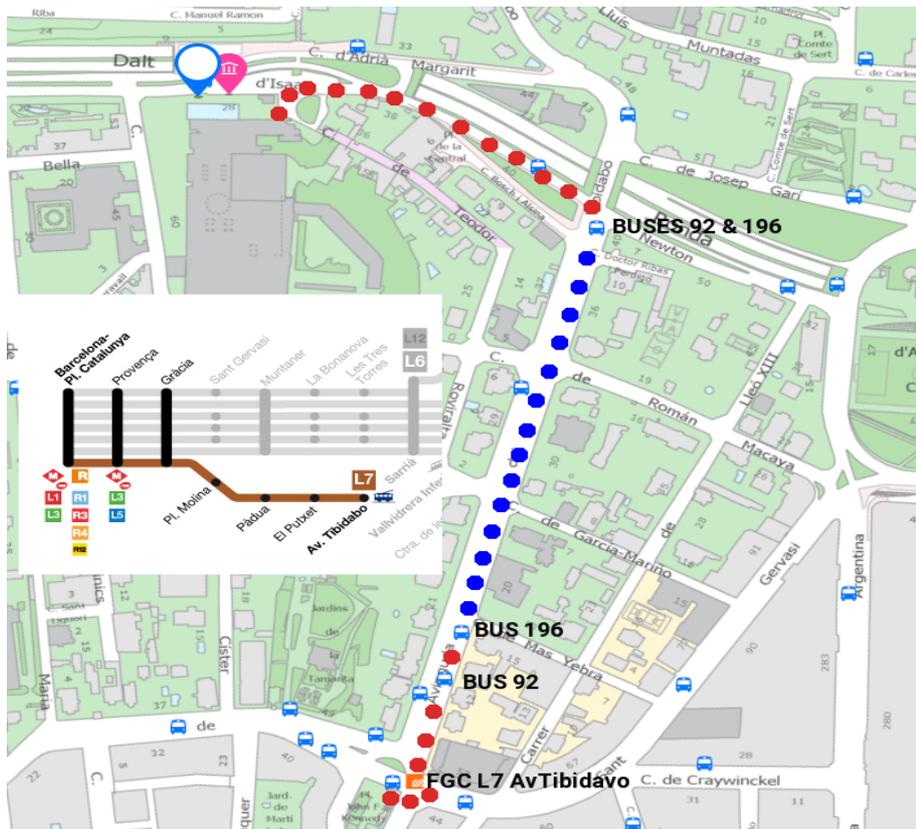
- CosmoCaixa web-site: <https://cosmoaixa.es/ca/cosmoaixa-barcelona>

- How to arrive: <https://cosmoaixa.es/ca/visitanos>

- Underground: FGC line L7, Av. Tibidabo (<https://www.fgc.cat/es/red-fgc/linea-barcelona-valles/>)

- Buses: lines H4, V13, V15, 22, 73, 75, 60 and 196.

From the city center is recommended to take FGC L7 underground from Pl. Catalunya to Av.Tibidabo. Later it is possible to arrive to CosmoCaixa walking 10 minutes or taking one of the 92/196 buses (read and blue dots in map). For underground and buses you need MTB travel card for zone 1 (T-10 10,20€ could be suitable: <https://www.tmb.cat/en/barcelona/fares-metro-bus/integrated-tickets>).



Address of official map of Barcelona: <https://w33.bcn.cat/planoBCN/en/>

From Barcelona airport to Barcelona city

There are a number of ways to travel from Barcelona airport to Barcelona city, some of them ranging from faster/more expensive to slower/cheaper are:

- By taxi: price around 40€.
- Airport express bus: AEROBUS 5,90 € (<https://www.barcelona-tourist-guide.com/en/airport/transport/barcelona-airport-bus-aerobus.html>)
- Airport bus: TMB 46 2,20€.
- Underground: L9 Sud 4,60€ (it takes around 1 hour).



Hotel reservation

Nowadays Barcelona is a tourist city with a large variety of accommodations and prices. So feel free to choose what is more suitable for you. Otherwise if you have any issue or doubts contact us.

This and additional information will be available from a dedicated website:
http://www.aemet.es/es/conocenos/congresos_y_conferencias/reuniones/SRNWPEPS_workshop_BCN .