
EUMETNET SRNWP- EPS 2019-2023

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

22-24 October 2019, Madrid (Spain)

Second Announcement

In the framework of the SRNWP-EPS 2019-2023 module into the programme NWP Cooperation (NWP-C) of EUMETNET the first current phase annual Workshop entitled “LAM-EPS prediction of high impact weather and extremes” is organized in 2019 following the guidelines of workshops in the previous SRNWP-EPS Phase II.

The Workshop will take place at AEMET Headquarters in Madrid (Spain), from the 22nd to 24th of October 2019. Tentatively, the Workshop will start on the **22nd at 13:40 CET** and it will end on the **24th at 13:30 CET**.

The general aim of the Workshop is to bring together the participants in the EUMETNET SRNWP-EPS 2019-2023 module/project as well as scientists working in the field to present and discuss the work to be carried out in next years into the module so far with a focus on LAM-EPS methodologies dealing with high impact weather and extremes.

The workshop will be organized mainly with two branches: the application and the research ones.

From the application point of view, the results' summary of the “*Survey on products for high-impact weather forecasting*” will be presented and later discussed between the participants in order to get a clear picture of the requirements of the NM(H)Ss. In this way, it will be addressed and set the main guidelines of the two Application Tasks of the project to be developed: tools for the calibration of LAM ensembles for forecasting extremes (#req. EPS_1) and products for post-processing using specifically outputs from LAM-EPS devoted to high impact weather forecasting (#req. EPS_2). Moreover a preliminary discussion will take place about preferences of possible additional Really Useful tools to be developed during 2021-2023 period.

From the research point of view, results and future project guidelines from experiments / operational activities on improving the representation of model uncertainties relevant for forecasting high-impact weather phenomena will be shown and discussed. It is expected to organise a first testing experiment (2-3 years) focussed on EPS perturbations to deal with model uncertainties.

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

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

- Probabilistic prediction of high-impact weather (e.g. gusts, icing, fog, severe convection, wind storms, lightning, turbulence) and extremes
- Ensemble approaches to deal with model uncertainties: methods, results of experiments and open issues
- Plans for ensemble forecasting, including development of new products, new calibration, new post-processing approaches, new verification methods, and so on.

Finally a User Group will be tentatively established in order to provide a permanent guidance to the development of products in relation to the most relevant NM(H)Ss end-users for high-impact weather forecasting (#req. EPS_10).



Registration

Register by sending an email to Scientific Coordinators Alfons Callado (acalladop@aemet.es) and Francesca Marcucci (francesca.marcucci@aeronautica.difesa.it).

The final date for registration will be October the 4th 2019. **REGISTRATION IS CLOSED.**

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 Francesca Marcucci (francesca.marcucci@aeronautica.difesa.it).

Deadline for submission of abstracts is October the 4th, 2019. **DEADLINE SUBMISSION IS CLOSED.**

Acceptance will be notified with the second circular.

Program

The project Scientific Coordinators Alfons Callado-Pallarès (AEMET) 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

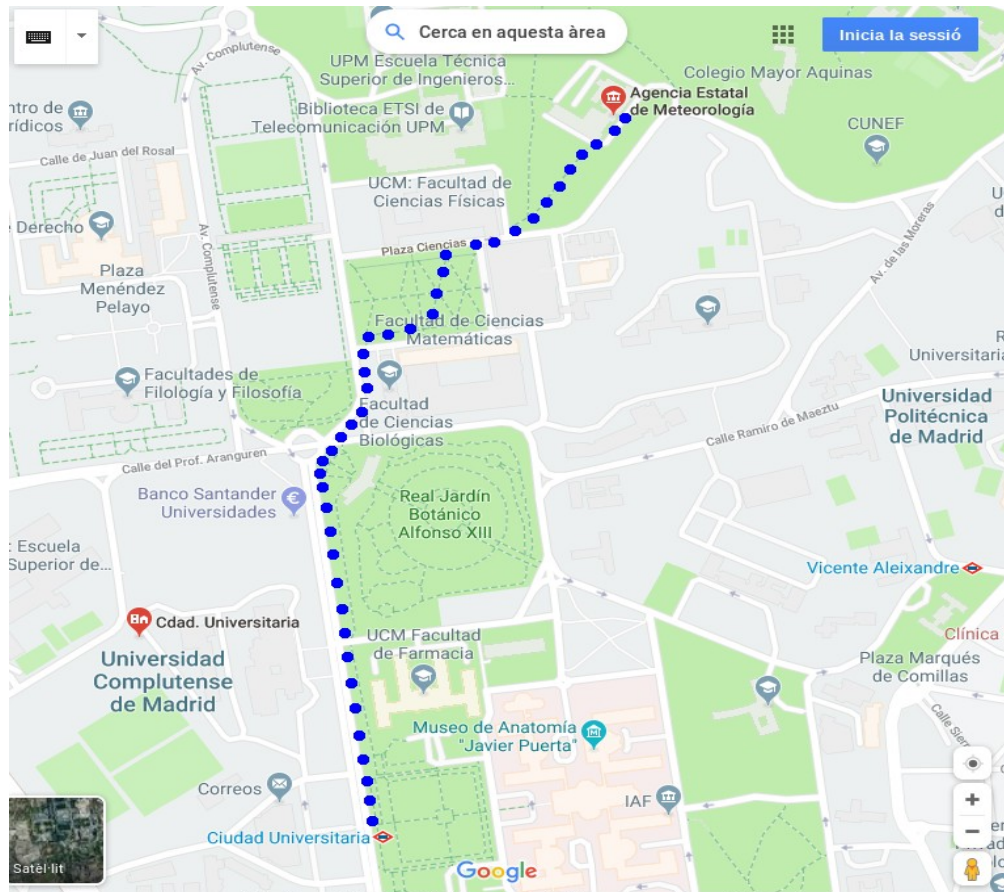
The Workshop will be hold at AEMET Headquarters located in the north-west part of Madrid and well communicated with the city center:

- Address: Leonardo Prieto Castro street, 8, 28071 Madrid, into the *Ciudad Universitaria*

- How to arrive:

http://www.aemet.es/en/conocenos/quienes_somos/informacion_util/inf_util_visitantes_Sede_Central_AEMET

From the city center is recommended to take the underground circular **Line 6** until **Nuevos Ministerios** and later walk for 10 minutes to the AEMET Headquarters. See next map.



Additional Madrid information

- Map of University City: <http://www.madrid.org/cs/Satellite?blobcol=urldata&blobheader=application%2Fpdf&blobheadername1=Content-Disposition&blobheadervalue1=filename%3DPLANO-GU%C3%8DA+UCM.pdf&blobkey=id&blobtable=MungoBlobs&blobwhere=1220529175273&ssbinary=true>
- Underground map: <http://www.metromadrid.es/export/sites/metro/comun/documentos/planos/Planoesquematicoingles.pdf>
- Other maps and guides: http://www.esmadrid.com/mapas-guias-madrid?utm_referrer=https%3A%2F%2Fwww.google.com%2F
- Tourism in Madrid: <http://www.esmadrid.com/en> and <http://www.spain.info/ven/grandes-ciudades/reportaje/madrid.html?l=en>

Hotel reservation

Nowadays Madrid is a big tourist city with a large variety of accommodations and prices and it is impossible to make a block reservation that guarantees the best price available. So feel free to choose what hotel is more suitable for you. Otherwise if you have any issue or doubts contact us.

Hotels in districts Moncloa, Chamberi and Centre are well located in respect to AEMET.

This and additional information will be available from a dedicated website: http://www.aemet.es/es/conocenos/congresos_y_conferencias/reuniones/SRNWPEPS_WS1_MADRID.

Social dinner

Social dinner is going to be at **Sidrería Donosti** at 20:00 CET on 23rd Wednesday (Calle de Luisa Fernanda 21, 28008 Madrid, <http://www.sidreriadonosti.com/>). It is a restaurant with a typical Basque (North of Spain) cuisine which includes several dishes with fish (e.g. cod) and meat. See map below for location which is very close to the centre. The closest underground station is *Ventura Rodríguez* (Yellow line 3). When coming it is recommended to enjoy visiting the “Templo de Debod” Park with a beautiful views over Manzanares/West Madrid.

If someone has special requirements like to be vegetarian, please, let us know.

