



## WMO OMM

World Meteorological Organization  
Organisation météorologique mondiale  
Organización Meteorológica Mundial  
Всемирная метеорологическая организация  
المنظمة العالمية للأرصاد الجوية  
世界气象组织

## Secrétariat

7 bis, avenue de la Paix – Case postale 2300  
CH 1211 Genève 2 – Suisse  
Tél.: +41 (0) 22 730 81 11  
Fax: +41 (0) 22 730 81 81  
wmo@wmo.int – public.wmo.int

Ref.: 16070/2020-1.0 GS

Nuestra ref.: 15520/2020/MS/ETR/CRS-1020

28 de agosto de 2020

Anexos: 2 (disponibles en inglés solamente)

Asunto: Taller en línea sobre el "Desarrollo de productos de modelos de predicción numérica del tiempo y sistemas de predicción por conjuntos para la predicción de fenómenos meteorológicos de alto impacto" (Observatorio de Hong Kong, 8 a 11 de diciembre de 2020)

Finalidad: Para información y para que se adopten las medidas pertinentes no más tarde del **30 de octubre de 2020**

Estimado señor/Estimada señora:

Tengo el placer de informarle que el Observatorio de Hong Kong (HKO) organizará, del 8 al 11 de diciembre de 2020, un taller en línea sobre el "Desarrollo de productos de modelos de predicción numérica del tiempo (PNT) y sistemas de predicción por conjuntos para la predicción de fenómenos meteorológicos de alto impacto".

Se invita especialmente a participar en el taller a los pronosticadores e investigadores que se ocupan del procesamiento de la PNT y los sistemas de predicción por conjuntos, la elaboración de productos de orientación o la predicción de fenómenos meteorológicos de alto impacto. El Observatorio de Hong Kong ofrece 20 becas que cubren los gastos de matrícula. Se dará preferencia a los Miembros de las Asociaciones Regionales II y V, especialmente a los que participan en el Consorcio Asiático para la Predicción Numérica del Tiempo (ACNF) o en el Proyecto de Demostración de las Predicciones de Fenómenos Meteorológicos Extremos (SWFDP) de la Organización Meteorológica Mundial (OMM).

Se solicita a los candidatos interesados que completen el formulario de inscripción adjunto (anexo II) y que lo envíen directamente al señor Terence Kung, Director del Observatorio de Hong Kong ([tkung@hko.gov.hk](mailto:tkung@hko.gov.hk)), con la mayor brevedad pero, en cualquier caso, no más tarde del **30 de octubre de 2020**.

Le saluda atentamente.

Prof. Petteri Taalas  
Secretario General

A los Representantes Permanentes (o Directores de los Servicios Meteorológicos o Hidrometeorológicos) de los Miembros de la OMM

copias: Asesores Hidrológicos de los Representantes Permanentes

**WMO VCP Online Workshop on  
Development of Products from Numerical Weather Prediction Models and  
Ensemble Prediction System for High-Impact Weather Forecasting  
Hong Kong, China  
8 - 11 December 2020**

Ref.: 15518/2020-1.0 MS/ETR

**Objective**

To address the capacity building needs and to enhance the participants' capability in high-impact weather forecasting through the development of tailored guidance products using Numerical Weather Prediction (NWP) and Ensemble Prediction System (EPS) outputs.

**Contents**

- i. Introduction to recent developments in NWP and EPS
- ii. Operation of NWP system and EPS
- iii. Post-processing of NWP outputs to generate tailored products for high-impact weather forecasts and their use and interpretation
- iv. Post-processing of EPS outputs for extreme weather events and probabilistic guidance and their use and interpretation
- v. Sharing of experience from WMO Members
- vi. Practical session on running of community model and post-processing of model outputs useful to high-impact weather forecasts and probabilistic guidance.

**Lecturers**

Weather forecasting and modelling experts from the Hong Kong Observatory and invited experts from the European Centre for Medium-Range Weather Forecasts, the Japan Meteorological Agency and the Korea Meteorological Administration.

**Medium of instruction**

English

**Course Date**

8 to 11 December 2020

**Deadline for application**

The completed WMO Fellowship Nomination Form should be returned to the Hong Kong Observatory by **30 October 2020**.

### **Places offered**

Around 20 registered participants. Preference will be given to qualified applicants from RA II and RA V Members, especially those participating in the Asian Consortium for Numerical Forecasts (ACNF) and the WMO Severe Weather Forecasting Demonstration Project (SWFDP).

### **Qualification of participants**

- Participants are required to be proficient in English.
- Participants should have experience in weather forecasting and/or NWP product development.
- Participants are expected to have a role in developing NWP/EPS products especially for high-impact weather services in their NMHSs at present or in the future.
- All Participants are required to provide the course organizer with feedback on the usefulness of the knowledge and skills acquired within 6 months after participating in the workshop on how these knowledge and skills would be applied in their NMHSs.
- All Participants are encouraged to actively maintain technical exchange and communication with the organizer and among themselves after the workshop.

### **Course Delivery**

Participants are expected to attend the workshop online through Zoom video conferencing in real-time mode, therefore a descent connection to the Internet should be in place to ensure smooth streaming of video and sound, as well as connection to remote servers to take part in practical sessions during the course.

### **Fellowship**

- Tuition fee will be waived.

### **Enquiries**

Mr. Terence Kung, Scientific Officer, Hong Kong Observatory, Hong Kong, China. E-mail: [tkung@hko.gov.hk](mailto:tkung@hko.gov.hk), fax: (852) 2375 2645, tel: (852) 2926 8319.

**WORLD METEOROLOGICAL ORGANIZATION**

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**PARTICIPANTS NOMINATION FORM**

**VCP Online Workshop on Development of Products from  
Numerical Weather Prediction Models and Ensemble Prediction System  
for High-Impact Weather Forecasting  
Hong Kong, China, 8 – 11 December 2020**

The Permanent Representative of \_\_\_\_\_  
with WMO nominates the following candidate as a participant of the above workshop.

1. Family name (in capitals): \_\_\_\_\_

2. First name (in capitals): \_\_\_\_\_

3. Address: \_\_\_\_\_

\_\_\_\_\_

Tel: \_\_\_\_\_ Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

4. Date of birth: (mm/yyyy) \_\_\_\_\_, Male ☐ Female ☐

Nationality: \_\_\_\_\_

5. Qualifications (certificates, diplomas or degrees):

\_\_\_\_\_

\_\_\_\_\_

6. Present position and brief description of duties:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

7. What roles or tasks will your participant be required to undertake after this workshop to enable your service to make the most of the opportunity to develop new knowledge and skills?

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8. Working language: \_\_\_\_\_

(Note: *If English is not one of the working languages of the applicant, this nomination form must be accompanied by English proficiency certification.*)

Permanent Representative: \_\_\_\_\_ (Signature)

\_\_\_\_\_ (Block letters)

Date: \_\_\_\_\_

To be completed and sent to reach the following address on or before **30 October 2020**:

Director of the Hong Kong Observatory  
(Attn: Mr Terence Kung, Scientific Officer)  
Hong Kong Observatory  
134A, Nathan Road  
Hong Kong, China  
Tel: +852 2926 8319 Fax: +852 2375 2645  
E-mail: [tkung@hko.gov.hk](mailto:tkung@hko.gov.hk)