



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

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2022年7月6日

附件: 2个(仅提供英文版本)

主题: WMO 自愿合作计划(VCP)关于光探测和测距(LIDAR)在线研讨会, 2022年9月13日至16日, 香港天文台主办

要求采取的行动: 2022年8月19日前, 可要求提供参考资料并采取适当行动

尊敬的先生/女士,

很高兴地通知您, 香港天文台将于2022年9月13日至16日举办“光探测和测距(LIDAR)”在线研讨会。

该研讨会旨在推进世界气象组织(WMO)有兴趣提升其航空气象服务的会员的能力建设, 以满足航空需求。欢迎航空专业人员和研究人员参加此次在线研讨会。将优先考虑第二(RA II)区域协会和第五区协(RA V)成员, 因为他们的航空交通量正在迅速增加。计划共接受约40名参与者。研讨会将使用英语。研讨会的简要说明见附件1。

请有兴趣参会的人员填写附件2中的与会者提名表, 并尽快于2022年8月19日前直接发送给 Terence Kung 先生(电邮: tkung@hko.gov.hk 或传真: +852 2375 2645)。

此致,

敬礼

张文健博士
代表秘书长

寄送: WMO 会员的常任代表

抄送: 水文顾问

WMO VCP and ICAO Online Workshop on Light Detection and Ranging (LIDAR)

Hong Kong, China, 13–16 September 2022

Ref.: 14775/2022-16 MS/ETR

Objective

To introduce the Light Detection and Ranging (LIDAR) and its application in the detection of windshear and turbulence for WMO Members who are interested to upgrade their aviation weather services for future aviation needs.

Contents

1. A brief introduction in Light Detection and Ranging (LIDAR) System
2. Techniques for the configuration and processing of LIDAR data
3. Application of LIDAR in windshear detection and warning, and aerosol monitoring
4. Limitation of LIDAR and mitigation measures
5. Sharing of experience from WMO Members

Medium of instruction

English

Course date and time

0700 – 1000 UTC, 13 to 16 September 2022

Deadline for application

The completed WMO Participants Nomination Form should be returned to the Hong Kong Observatory with a copy to the WMO Secretariat by 19 August 2022.

Places offered

Around 40 participants in total. Preference will be given to qualified applicants from RA II and RA V Members whose air traffic is increasing rapidly.

Qualification and requirements of participants

- Participants should be proficient in English
- Participants should have knowledge and experience in aviation forecasting
- Participants are expected to have a role in developing windshear and turbulence detection at present or in the future
- All participants are required to provide the course organizer 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 decent connection to the Internet should be in place to ensure a smooth streaming of video and sound, as well as a 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, Bong Kong Observatory, Hong Kong, China.
Email: tkung@hko.gov.hk, fax: (852) 2375 2645, tel: (852) 2926 8319.

PARTICIPANTS NOMINATION FORM

WMO VCP and ICAO Online Workshop on Light Detection and Ranging (LIDAR)

Hong Kong, China, 13–16 September 2022

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The Government of

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;

Email:

4. Date of birth:

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?

8. Working language:

Note For applicants whose working language is not English, this nomination form must be accompanied by English proficiency certification.

Permanent Representative

(Signature)

(Name in capitals)

Date:

To be completed and sent to reach the following address on or before **19 August 2022**

Director of the Hong Kong Observatory
(Attn: Mr Terence Kung, Scientific Officer)
134 A, Nathan Road
Hong Kong, China

Tel: +852 2926 8319 Fax: +852 2375 2645

Email: tkung@hko.gov.hk
