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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

Our ref.: 09536/2018/WDS/AN/CAeM-16/TECO

24 April 2018

Annexes: 2 (available in English only)

Subject: Commission for Aeronautical Meteorology Technical Conference, Exeter, United Kingdom, 23 July 2018

Action required: To submit the completed Registration Form to the WMO Secretariat on or before **28 May 2018**

Dear Sir/Madam,

I wish to refer to the WMO circular letter ref. No. 07057/2018/SG/LCP/CNF/CAeM-16 dated 16 April 2018 announcing that the sixteenth session of the Commission for Aeronautical Meteorology (CAeM-16) will be in Exeter, United Kingdom of Great Britain and Northern Ireland from 24 to 27 July 2018. I am pleased to inform you that CAeM-16 will be preceded by the CAeM Technical Conference (TECO), which will be held on 23 July 2018 at the same location.

The Conference, entitled "The future is now: Meteorology enabling aviation decision support" is organized for participants from a wide audience including WMO Members, members of CAeM and other WMO technical commissions, representatives of relevant international organizations and other interested stakeholders.

The Conference will be conducted in English only.

Please find enclosed a copy of the concept note (Annex 1) for TECO. Additional information regarding this TECO will be added on the CAeM-16 website as soon as possible.

I should be grateful if you would kindly examine the possibility of expert(s) from your organization/institute attending this Conference.

You are kindly requested to confirm your/your expert(s) participation by completing the Registration Form (Annex 2) and returning it to the WMO Secretariat (email: apapucidesbach@wmo.int) on or before **28 May 2018**.

I look forward to your participation and/or your expert(s).

Yours faithfully,

(W. Zhang)
for the Secretary-General

To: International Organizations

Ref.: 09536/2018-1.2 WDS:AEI

CAEM-16 TECHNICAL CONFERENCE

"The future is now: Meteorology enabling aviation decision support"

CONCEPT NOTE**1. BACKGROUND AND RATIONALE**

The sixteenth session of the Commission for Aeronautical Meteorology (CAeM-16) will be hosted by the United Kingdom, at the University of Exeter from 24 to 27 July 2018. It will be preceded by a Technical Conference (TECO) on 23 July 2018 at the same venue.

The 2018 TECO will chart the course of aeronautical meteorology, from its beginnings at the dawn of manned flight to the wide range of regulated and non-regulated (commercial) products and services provided today to the increasingly data-rich, service-oriented architecture of the future and what this all means for the aeronautical meteorological community going forward.

The 2018 TECO will build on recent WMO events such as the EC-69 (2017) Special Dialogue on the Future of Aeronautical Meteorological Services and the 2017 WMO Aeronautical Meteorology Scientific Conference (AeroMetSci-2017).

2. OBJECTIVE AND THEME

The objective of the Conference will be to raise the awareness of the TECO delegates to several critical issues that are likely to impact on the aeronautical meteorological community over the coming years and how WMO would address those issues in partnership with ICAO and other relevant stakeholders. TECO delegates will be encouraged to participate actively in the debates aimed to help inform subsequent discussions and decisions at the CAeM-16 session.

3. EXPECTED OUTCOME AND OUTPUTS

The expected outcome of the Conference will be an enhanced awareness of current and foreseen challenges and opportunities relating to meteorological service for international air navigation and an increased understanding between the meteorological service provider and aviation user communities resulting from the highly interactive, participative and collaborative format of the TECO.

The direct output of the Conference will be a summary report highlighting key messages and recommendations for consideration by the CAeM-16 that immediately follows.

4. STAKEHOLDERS AND PARTNERS

The Conference will harness partnerships that already exist at a national, regional and global level within the meteorology and aviation communities, including both public and private enterprise, and will help foster new partnerships.

The Conference is expected to attract the following stakeholders and partners:

- National Meteorological and Hydrological Services (NMHS) of WMO Members, in particular those providing meteorological service for international air navigation;
- Other designated aeronautical meteorological service providers;
- Participants from the private sector engaged in provision of value added meteorological services to aviation;
- Representatives of international organizations such as ICAO, IATA and IFALPA; and
- Other aviation industry users and stakeholders.

5. FORMAT AND RESPONSIBILITY

The Conference will comprise a blend of keynote and other oral presentations, panel discussions including interactive question/answer sessions with audience participation, and wrap-up summaries.

The following aspects of the Conference are planned:

- Historical context – providing an outline of how far aeronautical meteorology has come over past years/decades, where it is 'today' and where it is foreseen to need to be 'tomorrow', including anticipated role of WMO and CAeM;
- Users' perspective – ensuring that users' current and foreseen capabilities, needs and expectations are conveyed to the aeronautical meteorology community, thereby encouraging researcher-provider-user awareness and alignment going forwards;
- Innovation showcase – providing an outlet for public and private enterprise to showcase existing and emerging use-cases in aeronautical meteorology, thereby helping inform the community of what is already possible and what may be possible in the future; and
- Action-oriented recommendations – identifying the needs and priorities of WMO Members and the industry, expressed by TECO delegates to optimize input to the follow-on CAeM-16.

An organizing committee, chaired by the president of the CAeM, comprising (as a minimum) members of the CAeM Management Group and a rapporteur, will assist the WMO Secretariat in the preparation, conduct and follow-up of the Conference. This assistance will include the development of the conference programme, list of speakers and a report to CAeM-16.

Commission for Aeronautical Meteorology Technical Conference:

"The future is now: Meteorology enabling aviation decision support"

(Exeter, United Kingdom, 23 July 2018)

REGISTRATION FORM

(available in English only)

Please note that all fields are **MANDATORY**

TO BE RETURNED NOT LATER THAN 28 May 2018 TO:

Andrea P. Bach

Email: apapucidesbach@wmo.int (preferably)

Fax: +41 22 730 8741

Title (Prof., Dr, Mr, Ms)	
Last name (in block letters)	
First name	
E-mail address	
Official title	
Institution/Organization	
Work address	
City - Country	
Telephone	
Mobile	
Fax	

Please also send us an ID photograph

Date:..... Signature:
