



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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Our ref.: 09537/2018/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 Provisional Registration Form to the WMO Secretariat no later than **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 the sixteenth session of the Commission for the Aeronautical Meteorology (CAeM-16) to be held in Exeter, United Kingdom of Great Britain and Northern Ireland, 24-27 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. Please find enclosed a copy of the concept note (Annex I) for this TECO. Additional information regarding this TECO will be made available on the CAeM-16 website in due course.

The TECO, 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.

Registration for the CAeM-16 and the TECO is available through the online Event Registration System at <https://eventregistration.wmo.int/register>. The username and password sent to all Permanent Representatives by e-mail remain valid. For participation in the TECO, a Provisional Nomination Form (Annex II) must also be completed and returned to the WMO Secretariat.

I should be grateful if you would kindly examine the possibility of nominating an expert(s) from your Service to attend this TECO. It is hoped that the costs of participation of your expert(s) will be borne by your Government or your Service. However, if it is not possible, WMO could consider, upon request, providing air ticket (most economical/direct cheapest fare) and a lump sum amount in lieu of per diem for **one expert only**. To request financial assistance for an expert, kindly complete and return the attached Provisional Nomination Form **no later than 28 May 2018**.

To: Permanent Representatives (or Directors of Meteorological or Hydrometeorological Services) of Members of WMO

Cc: Presidents and vice-presidents of technical commissions
 Presidents of regional associations
 Members of CAeM
 Chairs of CAeM Expert Teams

Given the limited financial resources available for this Conference, priority will be given to experts from developing countries and countries with economies in transition, who will also attend the CAeM-16 session.

I look forward to the participation of your expert.

Yours faithfully,



(W. Zhang)
for the Secretary-General

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 forwards.

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 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.

**WMO COMMISSION FOR AERONAUTICAL METEOROLOGY
TECHNICAL CONFERENCE**

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

(UNIVERSITY OF EXETER , EXETER, UNITED KINGDOM, 23 JULY 2018)

NOMINATION FORM

The Government of nominates:

Family Name			Gender:
First Name			Male <input type="checkbox"/>
			Female <input type="checkbox"/>
Present Position			
Address (Office)			
City – Country			
Telephone	Office +	Home +	
Fax	Office +	Home +	
E-mail			
Date and Place of Birth		Nationality	
Passport No. *		Expiry Date	

*** Please attach a copy of passport**

Financial support is requested for:

Travel

Per Diem

Please indicate whether the participant will also attend the CAeM-16 (24-27 July 2018):

YES

NO

.....
Date

.....
Signature of Permanent Representative

To be completed and returned by fax + 41-22-730-8128 or by email,
at the latest by **28 May 2018** to:
aviation@wmo.int with copy to apapucidesbach@wmo.int
