

Abstracts should be submitted in English and be no longer than one page (A4). In the case where there are several authors, we kindly ask for one coordinated response. Please note that the person who submits the abstract will automatically be identified as the presenter and point of contact for future correspondence. It is regretted that submissions arriving after the deadline of 22 January 2010 cannot be processed.

Each session theme will be assigned a panel of experts, constituting the Scientific Programme Committee (SPC), whose task will be to review abstracts for inclusion in the conference programme. Authors of selected abstracts will be notified (via e-mail) in the mid-April 2010 time-frame, after the spring meeting of the SPC. These abstracts will be posted on the EUMETSAT website.

The Second Announcement will be available in mid-May 2010 and can be accessed via the EUMETSAT website at: www.eumetsat.int.

Preliminary programmes, hotel and general information will be issued with the Second Announcement. An e-mail will be sent to those who have responded to the First Announcement, drawing their attention to the availability of the Second Announcement online.

Expected conference fee is EUR 240 (higher if payment is made after the initial registration deadline - to be given in the Second Announcement). Further details on payment will be provided in the Second Announcement.

If your institution is interested in sponsoring the conference, please contact madeleine.pooley@eumetsat.int for details.



European Meteorological Organisation for the Exploitation of Meteorological Satellites (EUMETSAT).

Founded in 1986, EUMETSAT's objective is to establish, maintain and exploit Europe's system of meteorological satellites providing operational Earth observations for a current total of 24 Member and 6 Cooperating States.

EUMETSAT is operating the geostationary satellites Meteosat-8 and -9 over Europe and Africa, and Meteosat-6 and -7 over the Indian Ocean.

Metop-A, the first European polar-orbiting meteorological satellite, was launched in October 2006 and has been delivering operational data since 15 May 2007.

The Jason-2 ocean altimetry satellite has added ocean surface topography to the missions EUMETSAT conducts.

The data, products and services from EUMETSAT's satellites make a significant contribution to weather forecasting and to the monitoring of the global climate and the oceans.

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2010 EUMETSAT Meteorological Satellite Conference

Córdoba, Spain
20 - 24 September

First Announcement and Call for Papers



The 2010 EUMETSAT Meteorological Satellite Conference will be held in the historic centre of Córdoba, southern Spain, and hosted and co-organised by the Spanish State Meteorological Agency, AEMET.

The venue will be the Palacio de Congresos, the former San Sebastian Hospital built in the mid 16th century. It is one of the city's most important architectural monuments, with its Mudéjar-style cloister and a church with its gothic facade. The centre offers a combination of a long artistic and cultural history with state-of-the-art technology, making it an ideal venue for meetings and conferences of all kinds.

For further information on Córdoba please see:

www.turismodecordoba.org

This year's conference will focus on atmospheric composition – the situation today and the path to the future, as we gradually close the gap between the current atmospheric monitoring instruments (like IASI and GOME-2 on Metop, Sciamachy on ESA's Envisat satellite, the Ozone Monitoring Instrument (OMI) carried on NASA's Aura mission) and Sentinel-4 and -5, both of which will be dedicated to atmospheric monitoring in the framework of the Global Monitoring for Environment and Security (GMES) Atmospheric Monitoring Service.

The composition of the atmosphere at global and regional scales influences weather and climate, determines air quality and modifies stratospheric ozone and precipitation. In addition to natural variations, atmospheric composition is also affected by human activities. Research and observational activities within the international scientific community are therefore being used to deepen the understanding of our atmospheric system to support decision-making globally. In this regard the work of the EUMETSAT Satellite Application Facility on Ozone and Atmospheric Chemistry Monitoring (O3M SAF) is very important.

In preparation for a planned joint conference with our partners in the United States in 2013 it is envisaged to have in 2010 presentations in Córdoba common to both the EUMETSAT event and the 17th Conference on Satellite Meteorology and Oceanography of the American Meteorological Society in Annapolis.

Other topics up for debate between agencies across the world will include "Nowcasting" – and particularly the future trends thereof, "Facilitating data access and utilisation", in addition to the conference cornerstone theme of weather, ocean and climate observations. The full, wide-ranging list of session topics is given below.

Guide to Session Topics

- **Current and future satellites and applications** (including hyperspectral sounding as a sub-session)
- **Monitoring climate and understanding climate processes based on satellite data** (with special focus on "From observations to information", addressing, among others: the science of climate projections, re-analysis projects (like ERA-75) and the importance of climate data records for decision-makers in shaping the future)
- **Satellite-based observations of the oceans**
- **Nowcasting** (with emphasis on Numerical Weather Prediction for Nowcasting, as short-term forecasts are increasingly driven by rapid observations. This session is also pertinent to the work of the EUMETSAT Satellite Application Facility on Support to Nowcasting and Very Short Range Forecasting)
- **Atmospheric composition** (covering the relevant GMES Sentinels, notably the instruments foreseen to fly on board Meteosat Third Generation and the post-EUMETSAT Polar System). This session is also

of relevance to the activities and products of the O3M SAF.

- **Training and Outreach** (this session will address the international activities aimed at bringing new products and methodologies into operational practice)
- **Facilitating data access and utilisation** (addressing the standardisation of data formats, the interoperability of the data, and the way these can be used to help the global users community to get the maximum value from the data).

Types of presentations

If your domain of expertise lies in one or more of these session topics and you wish to make a presentation, or if you are simply keen to learn more about progress in these areas, please respond to this First Announcement/ Call for Papers using the online conference website.

To submit an abstract or to simply register your interest, please go to: www.conferences.eumetsat.int

Please use the contact form on this website for enquiries relating to pre-registration and/or submission of abstracts.

You may submit an abstract for either a verbal or a poster presentation. Please do not forget to indicate your desired session topic. Depending on the numbers, posters may be split over two viewing periods, each two days long. The Scientific Programme Committee reserves the right to convert a request for a verbal presentation to a poster, or vice versa, if considered more appropriate.

Deadline for submission of abstracts: **22 January 2010**