

# THE 2004 EUMETSAT METEOROLOGICAL SATELLITE CONFERENCE

Prague, Czech Republic: 31 May – 4 June 2004

## FIRST ANNOUNCEMENT and CALL FOR PAPERS

EUMETSAT will join forces with the Czech Hydrometeorological Institute (CHMI) for its annual Meteorological Satellite Conference in 2004, to be held in the Czech Republic's capital city, Prague, from 31 May to 4 June.

The Conference venue is the four-star Hotel Diplomat ([www.diplomat-hotel.cz/](http://www.diplomat-hotel.cz/)). Away from the hustle and bustle of Prague's thriving tourist centre, but still only a 10-minute journey on the underground to Prague Castle and the surrounding picturesque district of *Mala Strana* (Lesser Town), the Hotel Diplomat is a business-oriented hotel with extensive conference facilities. It has the added advantage of being within quick and easy reach of the Airport (door-to-door bus service or a 10-minute taxi drive). The Hotel's first rate accommodation will be on offer at highly advantageous prices to Conference participants. A selection of alternative Hotels in other areas of the city and at varying prices will also be listed. The expected conference fee is EUR 230. If payment is made after the specified deadline, the fee will be higher. Further details will be provided in the Second Announcement.

The year 2004 will be a particularly exciting period for EUMETSAT and the user community, particularly as far as Meteosat-8 (MSG-1) is concerned. By the time of the Conference six months will have elapsed since the end of satellite commissioning, thus providing an opportune occasion for first results to be demonstrated. The EUMETSAT Satellite Application Facility on Nowcasting and Very Short-Range Forecasting will be well into its initial operations phase and the status of the project will be sufficiently advanced to be announced to a wider community.

Within the international scientific community efforts are being increasingly focussed towards monitoring of the environment, and a wealth of new instruments now exist or are being proposed in this context. EUMETSAT's own position in this rapidly developing trend is reflected in the organisation's extended mandate which has enabled a shift from a single focus on operational meteorology towards involvement with other European partners in climate monitoring and associated environmental monitoring. For these reasons, the early part of the Conference programme will focus on weather and the atmosphere, the session on chemical weather promising to stimulate plenty of active discussion.

The success of the Conference is largely influenced by your response to this Call for Papers and we count on your high quality and innovative contributions.

Submissions for verbal presentations, posters or software demonstrations are sought from satellite meteorology and related scientific user communities. For guidance the presentations will be associated with the session categories listed on the next page.

Please send abstracts (in English, no longer than one page) to EUMETSAT, by:

**14 November 2003**

It is regretted that submissions arriving after the deadline cannot be processed.

To submit an abstract or to simply register your interest, please use EUMETSAT's online facility: [www.eumetsat.de/en/area2/topic3.html](http://www.eumetsat.de/en/area2/topic3.html).

Alternatively, you may send your abstract either as an attached file to an **e-mail** to [conf@eumetsat.de](mailto:conf@eumetsat.de) (preferred format is PDF, otherwise MS-Word) or by fax. The abstracts will be reviewed by the members of the Scientific Programme Committee as a basis for their selections for the programme and later for posting onto EUMETSAT's website. Please use the template provided on our website for preparing your abstract.

Kindly note that the Second Announcement will only be sent to those who have responded to this First Announcement. No reminder will be issued.

## **Guide to session categories**

### **1 Current and future satellite programmes and systems**

### **2 Atmospheric trace gas monitoring**

- Current and future instruments (e.g. GOME-2 on Metop, Sciamachy on Envisat, OMI on AURA, OMPs on NPOESS)
- Associated current and future applications
- Chemical weather

### **3 Meteorological Applications**

- MSG: early results
- Nowcasting
- Severe storm observations (deep convective storms, synoptic-scale cyclones, mesoscale polar lows, etc.)
- Monitoring the hydrological cycle (including flood forecasting)
- Satellite data assimilation

### **4 Training**

- Distance learning (e.g. Virtual Laboratory)
- Computer Aided Learning

### **5 Ocean and Climate Observations**

- Global monitoring of ocean state
- Observing climate variability
- Climatology for ocean and atmosphere

## **Further information:**

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