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28th NATO/CCMS

International Technical Meeting on
Air Pollution Modelling and its Application

ITM 2006

1st Announcement

15-19 May 2006
Leipzig, Germany



Conference Location

Leipzig is located in the east of Germany in the north-western part of Saxony and has currently about half a million inhabitants. The lively heart of the city comprises its historical centre, encircled by a green promenade. The university of Leipzig is one of the oldest of Germany. Leipzig was always a place where German culture was cultivated. As cantor of St. Thomas Church, Bach directed the old-established Boys Chor, while Goethe became inspired to write „Faust“ while his stay in Leipzig. The political importance of Leipzig in the 20th century was underlined in autumn 1989 when the Peaceful Revolution started with mass demonstrations and came true with the German reunification.

History

In 1969 the North Atlantic Treaty Organization (NATO) established the Committee on Challenges of Modern Society (CCMS). The subject of air pollution was from the start one of the priority problems under study within the framework of various pilot studies undertaken by this committee. The organization of the periodic conference, named NATO/CCMS International Technical Meeting (ITM) on Air Pollution Modelling and Its Application, has become one of the main activities.

The present 28th edition confirms the continuous evolution, the interest, the high level confidence of the scientific community and several other supports gained for this Conference.

Young Researchers

The increase of the participation of younger researchers is incited with a competition for the best paper/poster from researchers with less than 35 years. The evaluation is based on the scientific content and quality of the presentation. The young researchers should participate in the regular way in ITM, but informing in the moment of the submission that they are applying for the competition. The three winners will be funded by a cash award: 750 Euro (the best paper/poster), 500 Euro (second position) and 350 Euro (third position).

Key Topics

1. Local and urban scale modelling
(including the effects of building wakes, street canyons, urban canopy, urban energy balance)
2. Regional and intercontinental modelling
(including observational and modelling of current and future scenarios, and impacts on meeting and maintaining air quality standards)
3. Data assimilation and air quality forecasting
(including new research on fusing ground- and satellite-based observations into model outputs in creating high-resolution spatial maps of air quality, network design)
4. Model assessment and verification
(including performance evaluation, diagnostic evaluation, dynamic evaluation, and probabilistic evaluation as part of comparison of model outputs with observations)
5. Aerosols in the atmosphere
(aerosol dynamics, aerosol formation, interaction with multiphase chemistry)
6. Interactions between climate change and air quality
(observational analysis and modelling analysis of the effects of air pollution on climate and the impact of changing climate on future air quality)
7. Air quality and human health
(including air quality trend assessments, the effects of regulatory programs on ambient air quality and human exposure)

Abstract Submission

Abstracts (maximum of 300 words) should be sent to itm@ua.pt until **30th June 2005**.

The abstracts should include:

- Title of the paper
- Name of the authors and affiliations with email address
- Summary of the objectives, main findings and results
- Key topic
- Intention to give an oral or poster presentation