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First Announcement

ITM 2012

32nd NATO/SPS International Technical Meeting
on Air Pollution Modelling and its Application

7 – 11 May, 2012, Utrecht,
The Netherlands

Conference location

Utrecht of all the Dutch cities has the largest number of cultural treasures per square kilometre, functions as the central shopping city, is a true culinary paradise and is home to the largest university in the country. Utrecht is also home to icons such as Dick Bruna and his Miffy, architect and furniture maker Gerrit Rietveld and the design brand Pastoe.
The city is characterised by the unique wharf system along the canals used in summer by restaurants and bars to set up terraces where you can enjoy a nice drink or some food.
Pride of the city is the Dom tower, which at 112 meters is the highest church tower in the Netherlands.
Amsterdam, the capital of the Netherlands is easily reached by train in only 30 minutes.

ITM 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 a periodic conference, named NATO/CCMS International Technical Meeting (ITM) on Air Pollution Modelling and its Application has become one of its main activities, now under the new Committee on Science for Peace and Security (SPS). The present 32nd edition will continue the series and represents the high level confidence of both the scientific community and the several conference sponsors.

Young researchers

We are delighted to encourage participation of younger researchers through a competition for the best paper/poster from young researchers (younger than 35 years old on the first day of the conference). Adjudication will be based on scientific content and quality of the presentation. Young researchers should participate in the ITM as any other attendee, but should inform the Scientific Committee Chair at the time of submission of papers that they are candidates for the award. Three winners will receive cash awards supported by EURASAP.

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 focusing 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, dynamical 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 air quality and climate change (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 effects on human health, ecosystems and economy (including air quality trend assessments, cost benefit analysis of regulatory programs and their effects on air quality, human exposure and ecosystem burden, integrated modelling approaches)

Abstract submission

Abstracts (maximum of 300 words), should be submitted using instructions on www.int-tech-mtng.org by **31 July 2011**.

The abstract should include:

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