

COST-728/NetFAM workshop on  
**"Integrated systems of meso-meteorological and chemical transport models"**

DMI, Copenhagen, 21-23 May 2007

A NetFAM/COST action 728 workshop on integration/coupling of meso-meteorological (MM) and chemical transport (ACT) models will be arranged on May 21-23, 2007 at the Danish Meteorological Institute (DMI, Lyngbyvej 100), Copenhagen, Denmark. The aim of the workshop is to join numerical weather prediction (NWP) and air quality modellers to discuss and make recommendations on the best practice and strategy for further developments and applications of integrated/coupled modelling systems "NWP & Mesometeorology - Atmospheric Chemical Transport". Main emphasis is on the fine-resolution models applied for local chemical weather forecast and considering feedback mechanisms between meteorological and atmospheric pollution (e.g. aerosols) processes.

Organisers of the workshop welcome interested participants from NWP and air quality consortia. Presentations on the following topics are especially welcome:

- Online and offline coupling of meteorological and air quality models
- Implementation of feedback mechanisms, direct and indirect effects of aerosols  
Advanced interfaces between NWP and ACT models
- Model validation studies, including air quality-related episode cases

Note that the workshop is focusing on the MM and ACT model coupling strategy and does not aim to concentrate on the specific topics of modelling the urban atmosphere nor on those of aerosol dynamics. A keynote lecture on each of the main topics is planned in addition to contributions of the workshop participants. The workshop will start in the morning of Monday, May the 21st, and end around midday of Wednesday, May the 23th.

### **Participation and deadlines**

To participate, please send an e-mail to the local organiser Alexandr Baklanov (alb"at"dmi.dk), with a title of your (20 minute) presentation till 31 March 2007. Short abstracts for the workshop site are welcome till 30th April, 2007. An extended abstract for the (printed) workshop report should be provided after the workshop, till 30th June 2007. It is also possible to participate without making a presentation. There is no registration fee in the workshop. Practical information is available at the workshop page at [netfam.fmi.fi/Integ07](http://netfam.fmi.fi/Integ07)

### **Organisers**

International organising committee: Alexandr Baklanov (Danish Meteorological Institute), Georg Grell (NOAA, USA), Marko Kaasik (University of Tartu, Estonia), Laura Rontu (Finnish Meteorological Institute, FMI), Mihail Sofiev (FMI), Ranjeet Sokhi (University of Hertfordshire, UK), Jacek Kaminski (York University, Canada), Barbara Fay (Deutscher Wetterdienst, Germany).

The workshop is arranged in the framework of COST action 728 "Enhancing Mesoscale Meteorological Modelling Capabilities for Air Pollution and Dispersion Applications" ([www.cost728.org](http://www.cost728.org)) in cooperation of the Nordic Network on Fine-scale Atmospheric Modelling (NetFAM, [netfam.fmi.fi](http://netfam.fmi.fi)) The local organiser in Copenhagen is Danish Meteorological Institute. Contact e-mail in workshop issues: Alexandr Baklanov, alb"at"dmi.dk. Please find more information about the workshop at [netfam.fmi.fi/Integ07](http://netfam.fmi.fi/Integ07)