

MUSCATEN arrange

## **2<sup>nd</sup> Workshop on Parameterization of Lakes in Numerical Weather Prediction and Climate Modelling**

Norrköping, Sweden, September 15-17 2010

<http://muscaten.ut.ee>

The 2<sup>nd</sup> Workshop on Parameterization of Lakes in Numerical Weather Prediction and Climate Modelling will be arranged at SMHI in Norrköping, Sweden, September 15-17 2010. The 1<sup>st</sup> Workshop on this subject was held in Zelenogorsk, Russia, in September 2008. See NetFAM web page on the 1<sup>st</sup> Workshop: <http://netfam.fmi.fi/>. As a result of the 2008 Workshop a special issue of Boreal Environment Research (<http://www.borenv.net>) on "Lakes in atmospheric models" has been published.

The aim of the workshop in Norrköping is to create a forum for environmental researchers related to how lakes are described and parameterised in NWP and climate modelling systems and how lakes interact with the atmosphere. The 2<sup>nd</sup> Workshop will follow up on subjects raised and discussed at the 1<sup>st</sup> Workshop.

### **The Workshop will include the following sessions:**

**Lake atmosphere coupling** – Focuses on the impact of lakes on atmospheric processes as well as parameterisations in the atmospheric part of the modelling systems related to lakes.

**External parameters** – Focuses on parameters important for description of lake characteristics, e.g. lake depth and lake fraction.

**LakeMIP** – At the 1<sup>st</sup> Workshop an initiative were taken to launch a lake model intercomparison project. Results from LakeMIP are intended for this session as well as other sensitivity studies on lake models.

**Lake Data Assimilation** – Focuses on assimilation of lake prognostic variables in NWP systems.

**Processes in fresh-water bodies beyond lake physics** – Focuses on processes related to e.g. biochemistry and water quality issues.

Researchers and research students working with these topics are welcome to submit a short abstract for a presentation of 20-30 minutes. In addition to the participant's presentations keynote presentations will be given and room for discussions will be made. No parallel sessions are planned; all presentation will be made at plenary sessions. **The deadline for Workshop registration is June 15, 2010.** Registration documents and current information about the workshop and practical arrangements will be available at the web site <http://muscaten.ut.ee/>.

The venue for the workshop will be the Swedish Meteorological and Hydrological Institute (SMHI) in Norrköping. Block reservations for accommodation has been made at two hotels in Norrköping: Hotel Kneippen

(<http://www.kneippen.se/>) and Princess Hotel (<http://www.princesshotel.se/>). Each participant is responsible for making his/her actual reservation from the block booked by SMHI by sending an e-mail directly to the hotel with a reference to "SMHI block booking". Our price for a night in single room is 620 SEK (~62 EUR) at Hotel Kneippen and 745 SEK (~75 EUR) at Princess Hotel. **The deadline for hotel reservation is August 16, 2010.**

**Organisers:**

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Swedish Meteorological and Hydrological Institute (SMHI),  
<http://www.smhi.se/en>.

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