



## **PhD Students LowEx Workshop**

In the frame of **Clima 2007 Conference, Helsinki**

**12th June 2007, 18:00- 21:00h**

Welcome Prof. Gudni Johannesson (LowExNet)  
and Dr. Jouni Punkki (Consolis).

Lively discussion with dinner.

**Place:**           **Restaurant Ostrobotnia Juhlakerros**  
                          **Museokatu 10**  
                          **Jääkärihuone 2nd Floor**

The presented workshop, which is based on the use of the central concept of exergy, is not only focused on the best possible and economical use of energy, but also on the application of the exergy concept for solving various issues in order to come up with a better environment for human well-being.

### **Objectives of the workshop:**

The objective of the workshop is to promote lively discussion among PhD students and Experts about a more rational and effective use of energy; namely, the utilization of low valued and renewable energy sources in the built environment.

The workshop is intended to get the participants to exchange experience on their research fields and issues and to encourage new and dynamic field of ongoing and needed research.

### **Participants**

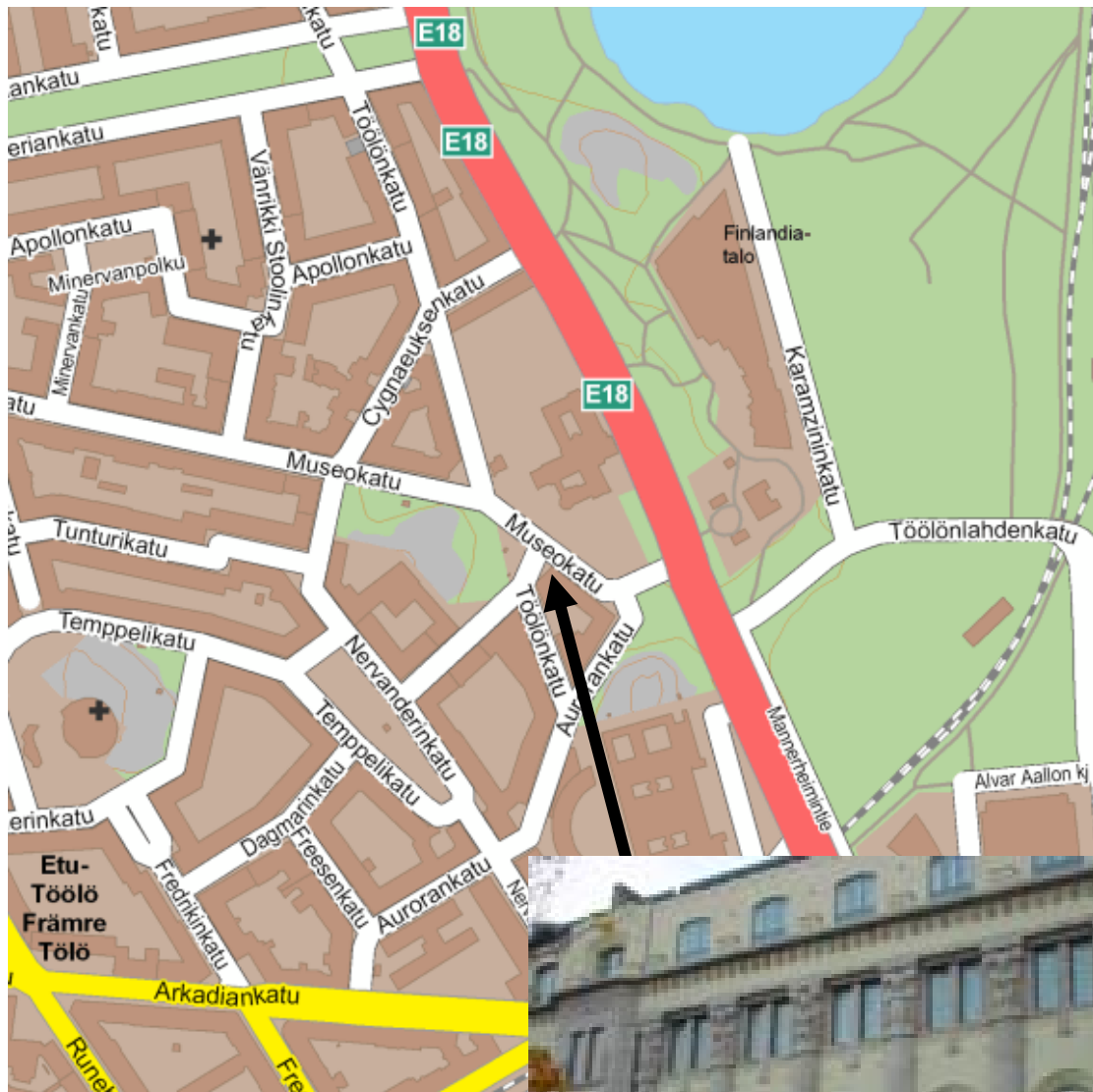
The workshop is intended for PhD students involved in the research field of LowEx and energy issues as well as expert scientists on that fields.

### **Results**

Some questions to be discussed on the workshop are:

1. What should be done to better promote exergy thinking in the design and development of building energy systems?
2. What are the most important research and market development issues in a short, medium and long term perspective?
3. What should be the first priority steps to be taken?
4. What would be the best optimisation strategies for new and innovative energy generation, distribution and building technology system configurations?
5. How can local renewable energy sources for heating and cooling of buildings be further integrated into buildings?

## Location of Ostrobotnia Juhlakerros Restaurant:



### More information, links

- International Society for Low Exergy Systems in Buildings ([www.lowex.net](http://www.lowex.net))
- ECBCS Annex 49: Low Exergy systems for High-performance Buildings and Communities ([www.annex49.com](http://www.annex49.com))
- European COST Action C24: Analysis and Design of Innovative Systems for Low-EXergy in the Built Environment: COSTeXergy ([www.costexergy.eu](http://www.costexergy.eu))