

Objectives

Modern buildings are usually made in a way that makes the efficient use of energy possible. Nevertheless, there are still open questions such as:

- Whether the perception of buildings as power plants using renewable sources of energy is justified in relation to energy inputs and CO₂-emissions,
 - Whether the currently used energy demand calculations should not be complemented by information on energy inputs needed for building assembly and manufacturing,
 - Whether alternative and lasting (sustainable) building materials would be a kind of solution,
 - Whether the energy savings by building industry in the course of manufacturing could lead to other architectural solutions than so called "low-energy design"
- and
- Whether it is possible in the design phase to consider the questions of CO₂-emissions due to the life cycle of buildings at all?

The aim of the planned conference is to evoke the discussion on the above questions and new academic insights in the related topics.

Beyond that it should also create a kind of starting platform for the future information exchange and work in the respective standardization committees and informal networks of researchers and professionals.

Main conference topics

- Energy and ecological evaluation of buildings
- Life cycle of buildings
- CO₂-emissions and greenhouse gases caused by building industry
- Performance based building design
- Building performance modeling and simulation

Organizers and the program

The Conference is organized by the staff of the Department of Building Structures of the Faculty of Civil Engineering of the Slovak University of Technology.

As the duration of the conference will be one day only, the number of presentations will be limited. The conference is understood more as a place for informal information exchange than a series of high number of presentations.

All papers based on selected abstracts will be published in the conference proceedings and available on CD-ROM. For the content of the final paper contributions will be responsible their authors. The conference languages are Slovak and English.

BUILDINGS AND November 7, 2006

ENVIRONMENT 2006

**THE ECOLOGICAL QUALITY
OF THE BUILT ENVIRONMENT**

REGISTRATION FORM FOR BUILDINGS AND ENERGY 2006

NAME AND SURNAME:

ADDRESS:

PHONE, FAX, E-MAIL:

TITLE OF YOUR ABSTRACT (if applicable):

DATE:

SIGNATURE:

Organizing committee

Department of Building Structures
Faculty of Civil Engineering at the Slovak
University of Technology in Bratislava
and the Slovak Society for the Technique
of Environment

Ing. Martin Jamnický, PhD

Ing. Katarína Minarovičová, PhD

Dr.-techn. Ing. arch. Roman Rabenseifer

Ing. Andrea Vargová, PhD

Assoc. Prof. Ing. Juraj Žilinský, PhD

Scientific committee

Prof. Ing. Ivan Chmúrny, PhD (SK)

Assoc. Prof. Ing. Jozef Chybík, PhD (CZ)

Prof. Ing. Petr Hájek, PhD (CZ)

Prof. Ing. Jozef Hraška, PhD (SK)

Prof. Geoff Levermore, PhD, MSc. (UK)

Prof. Dr.-techn. Ardeshir Mahdavi (A)

Prof. Dr.-techn. Erich Panzhauser (A)

Venue

The Conference will be held in the premises of the University Library located in the old town of Bratislava in the Klariska Street No. 5. The street plan (above right) indicates the entrance in the conference premises.

Website

(<http://web.svf.stuba.sk/kat/KPS/seminar/index.htm>)

The conference website will be updated regularly and includes conference information, program and electronic registration and submission of abstracts.



Important dates

22nd of September 2006, deadline for abstracts

6th of October, notification of acceptance of abstracts

27th of October 2006, submission of full papers and deadline for registration

Conference fee

- Regular fee 500,-Sk (includes refreshments)
- Proceedings + CD-ROM 300,-Sk
- Students 250,-Sk

For registration

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