

Objectives

The built environment is designed to serve human needs, but it can bring significant negative impact on the natural environment and on human health and performance. Indoor environments in some buildings have been associated with human health impact that range from asthma and respiratory tract irritation to Legionnaires disease and even cancer. There is broad agreement that human activity is changing the global climate and that future consequences of this change are potentially disastrous. High-performance building envelopes can contribute to creation of more healthier and sustainable built environment. The modern building envelope should be an integrated, multifunctional, adaptable, durable, energy-efficient, cost-effective, and environmentally friendly system. More sophisticated design approaches and technologies have emerged using new high-performance glazing, improved shading and solar control systems, greater use of automated controls, double glass facades, photovoltaic systems and their integration with other building systems. Many new materials and technologies are also used in refurbishment of existing building envelopes.

The aim of this 4th International Conference is to bring together various existing or emerging research and training activities dealing with materials,

building envelope systems, their design and the prediction of healthy, comfortable, and economically effective indoor environment, performance evaluation, etc.. Highly appreciated are contributions that help to create the framework for better implementation of ecological principles into existing technical specifications, legislation and building practice.

This International Conference is sponsored by the Scientific Grant Agency of the Slovak Ministry of Education and the Slovak Academy of Sciences through the project N^o. 1/0647/09.

Herewith we would like to cordially invite all professionals in the areas of material and products manufacturers, building physics, HVAC, EIA, design professionals, building managers, developers, investors and last but not least the representatives of the state and local administrations, code bodies, academics and researches to attend this small, but fine event.

Program

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, Czech, and English.

27. October 2009

BUILDINGS AND ENVIRONMENT 2009

BUILDING ENVELOPES AND INDOOR CLIMATE

REGISTRATION FORM FOR BUILDINGS AND ENVIRONMENT 2009

NAME AND SURNAME:

ADDRESS:

PHONE, FAX, E-MAIL:

TITLE OF YOUR ABSTRACT (if applicable):

DATE:

SIGNATURE:

Organizing committee

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

Assoc. Prof. Ing. Juraj Žilinský, PhD.
Ing. Martin Jamnický, PhD.
Ing. Katarína Minarovičová, PhD.
Ing. Andrea Vargová, PhD.
Ing. Peter Hanuliak

Scientific committee

Prof. Ing. Jozef Hraška, PhD (SK)
Prof. Ing. Ivan Chmúrny, PhD (SK)
Assoc. Prof. Ing. Jozef Chybík, CSc. (CZ)
Assoc. Prof. Ing Miloš Kalousek, PhD (CZ)
Prof. Dr.-techn. Ardeshir Mahdavi (A)
Prof. Dr.-techn. Erich Panzhauser (A)
Ing. arch. Dr.-techn. Roman Rabenseifer (SK)

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.

Conference website:

<http://www.cab.sk/bande/>



Important dates

- 20th of September 2009, deadline for abstracts
- 28th of September 2009, notification of acceptance of abstracts
- 20th of October 2009, submission of full papers and deadline for registration

Conference fee

- Regular fee 25 €
(includes refreshments)
- Proceedings + CD-ROM 15 €
- Students 15 €

For registration

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