



## CIB NEWS ARTICLE

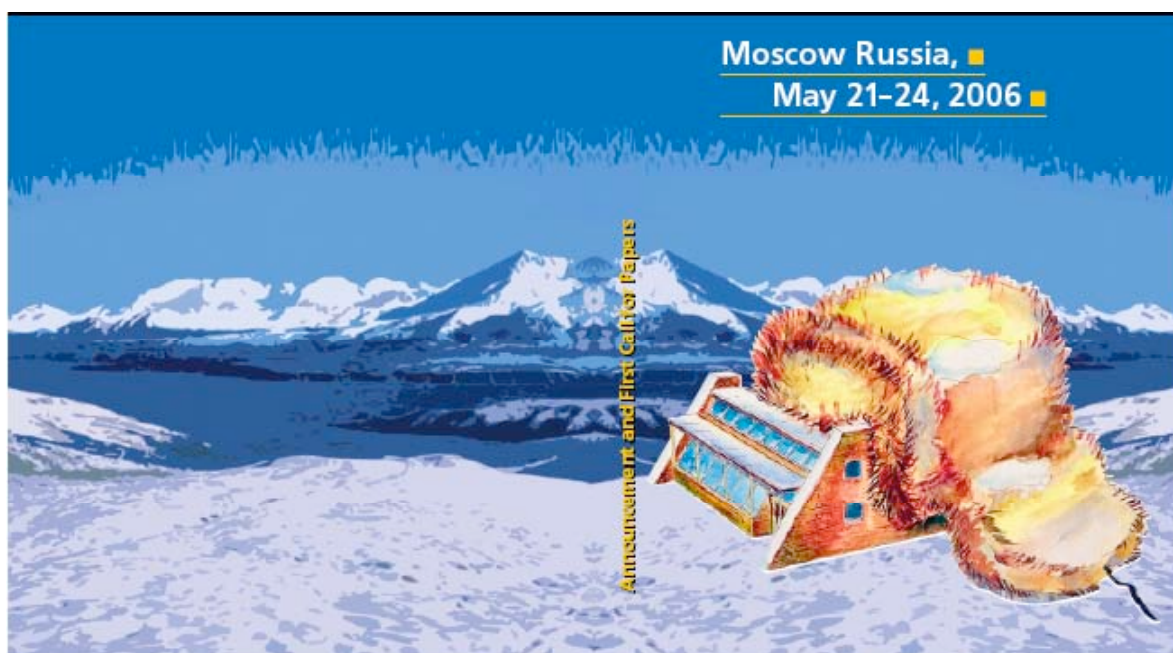
International Council for Research and Innovation  
in Building and Construction

Providing a global network for international exchange and cooperation in research and innovation in building and construction, in support of an improved building process and of improved performance of the built environment.

November 2005

Forthcoming Meeting / CIB Co-Sponsored

# The 5<sup>th</sup> International Conference on Cold Climate HVAC 2006 – Heating, Ventilating and Air-Conditioning



**21-24 May 2006, Moscow, Russia**

*by*

Prof.Dr. Marianna Brodatch

### Introduction

CIB is delighted to announce that it will co-sponsor the 5<sup>th</sup> International Conference on Cold Climate - Heating, Ventilating and Air-Conditioning taking place on 21-24 May 2006 in Moscow, Russia

The principal objective of Cold Climate HVAC 2006 is to provide key elements of a strategy by which scientists, designers, engineers, manufacturers and other decision makers can achieve a good balance between energy use in buildings and indoor environmental

quality (IEQ), while conserving precious resources and energy, as well as prevent the environment from further deterioration, with emphasis especially on cold climatic regions.

### Background

The strategy for the development of architecture and building construction in the 21<sup>st</sup> century is based on the following precepts:

- application of technologies that use non-conventional renewable energy sources;

- the selection of energy conservation technologies where the technical decisions simultaneously promote improvement of the indoor environment;
- building on the basis of an integrated energy-ecology system, where all elements such as the envelope, heating, ventilating, air-conditioning systems, heat and power supply as well as the environment, are interconnected.

Architecture and building construction in the 21<sup>st</sup> century enters a completely new stage in history, where the development of sustainable buildings is a reflection of the global problems encountered in society since the middle of the 20<sup>th</sup> century.

The goal is to reduce the risk of poor IEQ and waste of energy by promoting a synthesis between the technical, architectural, economic and social sciences. The Scandinavian Federation of Heating, Ventilating and Sanitary Engineering Associations (SCANVAC) initiated the series of Cold Climate HVAC Conferences. The four previous conferences have been successfully organized in Rovaniemi, Finland in 1994, Reykjavik, Iceland in 1997, Sapporo, Japan in 2000, and Trondheim, Norway in 2003.



We now invite you to Russia in 2006. The built-up area in the northern climatic zone covers about 48% of the territory of

Russia. Russian specialists have thus gained wide experience in the construction of buildings



in permafrost areas, with the characteristic changes of temperature and air humidity, the influence of wind as well as of the landscape.

Moscow, the capital of the Russian Federation, has a population of about 9 million inhabitants, 10% of whom are employed in the construction sector. On behalf of the Russian organizers, it is my pleasure to welcome you to the 5<sup>th</sup> International Conference on Cold Climate HVAC in Moscow. After the Conference, we invite you to a fascinating one-day trip to St. Petersburg with its countless parks, bridges and avenues, a city that is regarded as one of the most beautiful in the world.

## Aim and Scopes

The main goal of the conference is to discuss and give recommendations for improvement of indoor environment quality, functionality and economy both in new and refurbished buildings. In cold climates, in particular, energy saving measures are essential in all kinds of buildings, but this may represent a health hazard if not balanced with adequate ventilation and other IEQ measures. The Conference will focus on goals, conditions, challenges, pitfalls and solutions.



## Themes and Topics

- S1 Heat supply
- S2 Envelope of the building
- S3 Indoor Climate
- S4 New technologies for
- S5 Energy efficient buildings
- S6 HVAC in extreme cold conditions
- S7 Standards, Codes and Regulations

## Official Language

The official language of the Conference is English.

## Abstract

Abstracts are invited for Scientific Papers and Posters. The abstract must not exceed 300 words in English and shall include title, objectives, methods, results and conclusions. Full name, title and affiliation of the author(s) is requested.

On top of the page, write the address, telephone and e-mail address of the corresponding author as well as the session/topic for which the paper should be considered.

Abstracts must be sent via e-mail to the Conference Secretariat. The deadline for submission of abstracts is 1 June, 2005. For further information and instructions, see [www.abok.ru/CC2006](http://www.abok.ru/CC2006).

## Publications

All papers that receive favourable peer reviews will be published on CD-ROM and distributed to all participants at the Conference. These papers will be presented either orally or as posters.



## Important Dates

Notification of reviewer's comments	01.12.2005
Deadline for submission of final manuscript	
	01.02.2006
Deadline for early registration	15.03.2006
Conference CC-HVAC-2006 Moscow	21.05.2006
Post Conference Tour: Saint-Petersburg	24.05.2006

## Additional Information

For pre-registration, see:  
<http://www.ABOK.RU/CC2006>

For inquiries and questions contact the  
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