



INTERNATIONAL COUNCIL FOR RESEARCH AND INNOVATION IN BUILDING AND CONSTRUCTION

INFORMATION

February 2005

Forthcoming Meeting / CIB Co-Sponsored Event

The 5th International Conference on Cold Climate HVAC 2006 – Heating, Ventilating and Air-Conditioning



21-24 May 2006, Moscow, Russia

Introduction

CIB is delighted to announce the 5th 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

Architecture and building construction in the 21st 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 20th 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.

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

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.

Important Dates

- 01.03.2005 - Third and final announcement and Call for papers
- 01.06.2005 - Deadline for submission of abstracts
- 01.09.2005 - Notification of acceptance to authors
- 01.11.2005 - Deadline for submission of full paper
- 01.12.2005 - Notification of reviewer's comments
- 01.02.2006 - Deadline for submission of final manuscript
- 15.03.2006 - Deadline for early registration
- 21.05.2006 - Conference CC-HVAC-2006 Moscow
- 24.05.2006 - Post Conference Tour: Saint-Petersburg

Additional Information

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

For inquiries and questions contact the Conference Secretariat:

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