



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.

February 2007

Forthcoming Meeting / CIB Co-Sponsored



Organised by:

FINVAC LVI-Talotekniikkateollisuus Sisäilmayhdistys TKK

Congress partners:

Halton  Helsingin Energia **SIEMENS** **UPONOR**

Introduction

CLIMA 2007 will be the leading international scientific congress in the HVAC area in year 2007. The 9th REHVA World Congress will offer scientists, industry, building owners, consultants, engineers, architects and policy-makers a platform for the exchange of scientific knowledge and technical solutions. The congress will cover all the aspects of HVAC technology including building automation in all types of buildings.

The program will contain:

- Key note sessions with eminent speakers from the academic community and the HVAC industry.
- Technical sessions with full technical papers and oral and poster presentations on recent research findings.

- Pre-planned REHVA-workshops on concurrent problems and international possibilities for their solution.

Themes

Theme A: Healthy and Productive Indoor Climate

- Energy performance of ventilation
- Modern ventilation technologies
- Maintenance and operation of ventilation systems
- Indoor environment, performance and productivity
- Natural and hybrid ventilation systems
- Developments in regulations and voluntary schemes
- Ventilation technology for special environments

Theme B: Sustainable Energy Use of Buildings

- Sustainable energy systems

- Energy performance of buildings and HVAC-systems
- Methods to evaluate building performance
- Commissioning for better performance of buildings
- B5 Life-cycle building services (ESCO etc.)
- B6 Refrigeration and cooling systems
- Renewable energy sources

Theme C: Intelligent Building Management

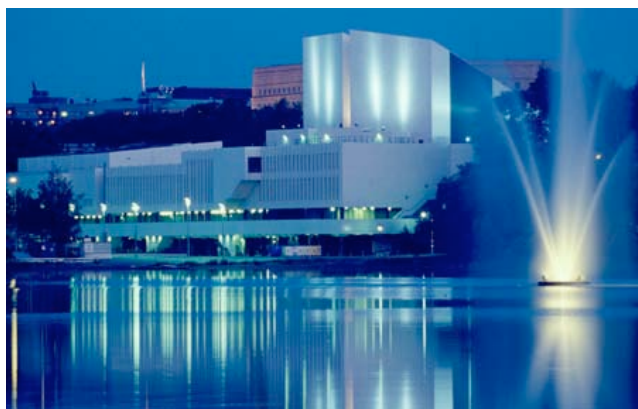
- Building automation and energy performance
- Maximum benefit of building automation systems
- Computer based methods for design, construction and maintenance
- Open building automation systems
- C5 Sensors and methods to control and authenticate indoor environment

Theme D: Comfort and Safety by Modern Piping Systems

- Energy efficient heating and cooling systems
- Energy efficient structures
- Water safety by modern piping technology
- Water and waste conservation methods and technologies
- Sprinkler systems and fire safety in homes

Conference Venue

The congress will take place at Finlandia Hall, the leading concert and congress venue in Finland. Centrally placed yet set amid park-like surroundings, it is an excellent environment for concerts, conferences and exhibitions.



The Roomvent 2007 Conference will be organized in the same venue as a satellite event on June 13-15, 2007. See www.roomvent2007.org for more information.

An exhibition will be arranged in conjunction with the conference.

Additional Information

More information on Clima 2007 in Helsinki, Finland:
www.clima2007.org

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