

# ISHVAC 2009

**The 6th International Symposium on Heating,  
Ventilating and Air Conditioning**



## First Announcement and Call for Papers

Organized by



Co-organized by



<http://www.ishvac09.org.cn>

Nanjing, China  
Nov 6-9, 2009

## INVITATION

We sincerely invite you to attend the 6th International Symposium on Heating, Ventilating and Air Conditioning - ISHVAC2009 in Nanjing, China from November 6 to 9, 2009, organized by Southeast University, and co-organized by Tsinghua University and the University of Hong Kong.

The conference series was initiated in Tsinghua University in 1991, and was held in every 4 years. It has been the premier international HVAC conference initiated in China and has played a significant role in the development of HVAC and indoor environment research and industry in China. It has always been well attended by researchers and academics from worldwide.

Considering the recent attention on building energy consumption and energy efficiency, ISHVAC2009 will provide a platform for discussing recent research and development on different aspects of HVAC systems and components, with a focus on building energy consumption, energy efficiency and indoor environment. Furthermore, Ministry of Housing and Urban-Rural Development of PRC (MOHURD) will support our conference and exhibit achievements of energy saving and demonstration buildings with ultra low energy consumption supported by MOHURD during 2006-2010.

We welcome you to ISHVAC09 and look forward to meeting you in Nanjing, the old and charming city.



Prof. Xiaosong Zhang  
Chair of ISHVAC 2009  
School of Energy and Environment,  
Southeast University,  
Nanjing, China



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## SPONSORING ORGANIZATIONS (Tentative list)



### ASHRAE

American Society of Heating, Refrigerating and Air-conditionings Engineers

### CAIEH

China Association of Indoor Environment and Health



### CAR

China Association of Refrigeration



### CCHVAC

Committee of Heating, ventilation and Air-conditioning, Chinese Architecture Association



### IIR

International Institute of Refrigeration, E2



### ISIAQ

International Society of Indoor Air Quality and Climat



### KOSIE

Korean Society for Indoor Environment

### MOE

Ministry of Education of China

### MOHURD

Ministry of Housing and Urban-Rural Development of China

### MOST

Ministry of Science and Technology of China



### SCANVAC

Scandinavian Federation of Heating, Ventilation and Sanitary Engineering Associations



### SHASE

Society of Heating, Air-conditioning and Sanitary Engineers of Japan



### NSFC

National Nature Science Foundation of China

## PAPER TOPICS

1. Sustainable building;
2. HVAC System design, operation, energy diagnosis, management and commissioning;
3. Building energy supply systems, such as cooling/heating plant, cold/hot water supply systems and BCHP;
4. New HVAC&R component development, High efficient heat pump and refrigeration system;
5. Built environment, such as Thermal comfort, health and productivity outdoor environment, indoor air quality;
6. Indoor air flow, mechanical and natural ventilation;
7. District energy supply systems, such as district heating and cooling, combined heating and power systems;

8. Air cleaning, industrial environment control, New air handling process;
9. Renewable and recycled energy utilization;
10. Building automation, fault detection and diagnostics;
11. Others.

## **LANGUAGE**

The official language of the conference is English.

## **CALL FOR PAPERS**

### **Abstract Submissions**

You are invited to submit one-page abstracts before Feb 20<sup>th</sup>, 2009. Each abstract should be submitted separately and should contain the following information:

1. Topic number
2. Title of the paper
3. Full name of the author(s)
4. Affiliation of the author(s)
5. Mailing address and e-mail address of the corresponding author
6. An abstract of 300 to 400 words

All abstracts must be submitted electronically by email to [ishvac09@seu.edu.cn](mailto:ishvac09@seu.edu.cn)

### **Forum Submissions**

In order to establish collaboration among conference attendees, you are invited to submit proposals for forums before May 1<sup>st</sup>, 2009. The forums are to discuss development, challenges and opportunities in HVAC&R components, building energy, sustainable building and indoor environment. Each forum will be scheduled for 90 minutes with 3-5 presentations (without papers) and a sufficient time for discussion. Each proposal should contain the following information:

1. Topic number
2. Title of the forum
3. Full name of the forum chair
4. Affiliation of the forum chair
5. Mailing address and e-mail address of the forum chair
6. A list of proposed presenters and their affiliations
7. An abstract of 300 to 500 words

All forum proposals must be submitted electronically by email to [ishvac09@seu.edu.cn](mailto:ishvac09@seu.edu.cn)

### **Workshop Submissions**

In order to intensively introduce the state-of-the-art research in a particular field, you are invited to submit proposals for workshops. The workshops are to report the state-of-art research on building energy, HVAC&R and indoor air quality. Multidisciplinary workshop is encouraged. Each workshop can be scheduled for 60, 90, 120, or 180 minutes. The workshop will have presentations (with or without papers) that summarize state-of-the-art research or current research progress. There will be sufficient time to discuss the results and plan for subsequent research. Each proposal should contain the following information:

1. Topic number
2. Title of the workshop
3. Full name of the workshop chair
4. Affiliation of the workshop chair
5. Mailing address and e-mail address of the workshop chair
6. A list of proposed presenters and their affiliations
7. An abstract of 100-200 words summarizing the workshop prepared by the workshop chair
8. Abstracts of 300 to 500 words from each presenter (Please see abstract submission for details, but note that presenters should not email directly their abstract(s) to the conference. Instead, the workshop chair should email the entire package to the conference.)

All workshop proposals must be submitted electronically by email to [ishvac09@seu.edu.cn](mailto:ishvac09@seu.edu.cn)

## **PUBLICATIONS**

All accepted abstracts will be published in a printed version of the abstract book to be distributed at the conference. All accepted papers will be published in a CD of the conference proceedings. Selected excellent papers from the conference will be published in special issues of the following journals:

Energy and Buildings (agreed)  
Applied Energy (agreed)  
Building Simulation (agreed)  
Journal of Southeast University (Natural Science Edition) (agreed)

## **SCHEDULES**

Abstract submission deadline	Feb. 20,2009
Abstract acceptance notification	Mar. 1, 2009
Draft paper submission deadline	May. 1,2009
Draft paper acceptance notification	Jul. 30,2009
Final paper submission	Aug. 30,2009
Early registration deadline	Sep. 1, 2009
ISHVAC 2009	Nov. 6~9,2009

## **INFORMATION ON NANJING**

### **LOCATIONS AND TRANSPORTAION**

Nanjing, located in Yangtze River Delta region, is surrounded by many famous and tourist cities such as Shanghai, Hangzhou, Suzhou, Huangshan, Yangzhou, Wuxi, etc. As one of the most important cities in China, Nanjing has very convenient transportation network. Nanjing

Lukou airport now offers 85 air routes to over 50 cities, including Hong Kong, Macau, Bangkok, Singapore, Frankfurt and Seoul. As railway transportation hub, Nanjing has three main railway stations which almost offer direct train routes to all cities in China.



The Map of China



The Map of Nanjing and surrounding cities

## VENUE

The conference will be held at the Nanjing International Conference Hotel in the Zhongshan Mountain, China AAAAA-level tourist resort, which includes a world cultural heritage, a national park and a national forest park of China. The venue is 40 km far from the Nanjing Lukou Airport, 4.5 km far from Nanjing railway station and 7 km far from center of the city – Xinjiekou.

## Brief Introduction of Nanjing

Nanjing, the capital of ten periods in Chinese history, is a city famed for its rich culture, long history and beautiful landscape.



One of the eight great ancient capitals in China. Nanjing has a long history and is one of the first cities awarded the title of "Famous Historic and Culture City" by the State Council. Its history can be traced to 472BC. The Eastern Wu Dynasty of the Three Kingdoms, the Eastern Jin, Song, Qi, Liang and Chen Dynasties, Southern Tang Dynasty, Ming Dynasty, Taiping Heavenly Kingdom and Republic of China all located their capitals in Nanjing. These eras left behind many famous attractions including: the willowed banks of Xuanwu Lake, the bright lights and river scenery of Confucius Temple, the ancient city wall (the best preserved in the world), the World Heritage-listed Ming Tomb, Dr. Sun Yat-sen Mausoleum proclaiming to the world the spirit of Freedom, Equality and Fraternity, Jinghai Temple, Presidential Palace and many other places of historical interest. Among the many protected cultural relics and sites in Nanjing, one has been inscribed on the World Heritage List, 14 are protected at

the national level and 135 at the provincial level. As a result, three cultures with distinctive characteristics may be witnessed in Nanjing: the culture of the Six Dynasties, the culture of the Ming Dynasty, and the culture of the Republic of China.



Nanjing, with a favorable geographical location and picturesque landscape, is also a famous tourist city. Nanjing is situated on the lower reaches of the Yangtze River where the four seasons are clearly demarcated, bringing plenty of rainfall and abundant produce. The mountains, lakes, rivers, forests and the city proper form beautiful vistas all year round. In spring, it is common to visit Niushou Mountain scenic area's misty greenness. In summer the sunlight and clouds in the eastern suburbs is famous, while in autumn climbing the splendid Qixia Mountain is favored. Lastly, in winter it is recommended to view the stone city wall under the white snow. Nanjing's magnificent scenery extends across the seasons and across the city's reach.



As an ancient capital city, green city, cultural city, riverside city and city of Fraternity, Nanjing has emerged as one of China's most attractive destinations for investment and living. Nanjing has been awarded several honorable title for its outstanding achievement including: "National Advanced City for Scientific and Technological Progress", "National Excellent Tourist City", "National Hygienic City" and "National Model City for Environmental Protection". Nanjing, as one of the "forty Chinese cities with best environments for investment", is also regarded as one of the Asian-Pacific Rim cities with the best development prospects in the 21st century.

## **CONFERENCE SECRETARIAT**

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