



## **CANS 2008 - Chinese American Networking Symposium**

**Oct. 20-22, 2008**

**Indiana University, Indianapolis, Indiana, USA**

**<http://www.canscouncil.net/>**

### **CANS 2008 Theme: “One World One Network”**

In keeping with the theme “One World One Dream” of the 2008 Olympic Games being hosted in Beijing, this year’s theme draws attention to working together to promote interoperability and seamless networking – and seamless collaboration.

A particular focus this year is promoting Human Networking - real collaborations to work together on real projects of importance.



### **CANS Objectives**

*Top leaders in networking and applications research and development from China and United States gather annually at the Chinese - American Networking Symposium (CANS) to exchange information and experience, discuss new ideas and advancements in networking technologies and research applications, and to and promote partnerships between American and Chinese educational and research institutions, and the private sector. Alternately held in the USA and China, the programs include presentations by networking experts and disciplinary researchers, panel discussions, and executive and technical breakout sessions.*

### **CANS 2008 Topics will focus on:**

1. Network Research & Next Generation Internet
2. Advanced Infrastructure and Hybrid Networking
3. Measurement, Quality of Service, and End-to-End Performance
4. Support of High Performance Applications
5. e-Science Applications and International Collaborations
6. IPv6 Operations & Management

## ORGANIZERS

**Internet2, USA**

**Chinese Association for Science and Technology (CAST-USA), USA**

**China Education and Research Network (CERNET), China**

**China Science and Technology Network (CSTNET), China**

## REGISTRATION

CANS2008 registration is online at <http://www.canscouncil.net/>

### **Registration Fee:**

\$400 by September 18, 2008; \$450 after September 18, 2008

Registration includes meals while at the symposium.

### **For additional information on registration, program, and conference-related questions:**

Please visit <http://www.canscouncil.net/>

or email [cans-info@internet2.edu](mailto:cans-info@internet2.edu)

### **Additional Contact Information**

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CSTNET	+86-10-5881-2926	+86-10-5881-2888	Haina Tang <tanghn@cstnet.cn>

## Venue and Accommodations

CANS 2008 will be held at the University Place Conference Center and Hotel on the Indiana University campus in Indianapolis, Indiana.

A room block at the Hotel is being held at special discount rate of \$161.24 (single occupancy) per room per night, including taxes - until September 18, 2008 (17:00, GMT+8).

After that date, the special rate cannot be obtained and the hotel cannot guarantee room availability.

Reservations for accommodations should be made directly with the hotel through the CANS website.

## **CANS SYMPOSIUM COMMITTEES**

### **Organizing Committee**

Co-Chairs: Douglas Van Houweling, President and CEO, Internet2, USA

Donald R. Riley, Professor, University of Maryland, SURA IT Fellow, and Chair,  
Internet Educational Equal Access Foundation, USA

Jianping Wu, Director, CERNET Center, Tsinghua University, China

Jun Li, Deputy Director, Computer Network Information Center, Chinese  
Academy of Sciences, China

Members: Heather Boyles, Internet2, USA

Jacqueline Brown, University of Washington, USA

William Y. Chang, National Science Foundation, USA

Chris Kong, CAST-USA

Shuigen Xiao, CAST-USA and Georgetown University, USA

Xing Li, CERNET Center, Tsinghua University, China

Jennifer (Jie) An, CERNET Center, Tsinghua University, China

Hualin Qian, Computer Network Information Center, China

Baoping Yan, Computer Network Information Center, China

Zhimin Li, Ministry of Education, China

Jinghua Cao, Chinese Academy of Sciences, China

### **Program Committee**

Co-Chairs: Jacqueline Brown, Associate Vice-President, University of Washington, USA

Xing Li, Deputy Director, CERNET Center, Tsinghua University, China

Hualin Qian, Chief Scientist, Computer Network Information Center, China

Members: Heidi Alvarez, Florida International University

Jim Williams, Indiana University

Chris Kong, CAST-USA

Ling Zhang, CERNET, China

Jian Gong, CERNET, China

Yan Ma, CERNET, China

Qian Wu, CERNET, China

Bei Zhang, CERNET, China

Hai Jin, Huazhong University of Science and Technology, China

Kai Nan, CSTNET, China

Jiangning Chen, CSTNET, China

Jingguo Ge, CSTNET, China

### **Logistics Committee:**

Chair: Jim Williams, Indiana University

Members: Shuigen Xiao, CAST-USA and Georgetown University

Jennifer An, CERNET, China  
Fang Lu, CERNET, China  
Haina Tang, CSTNET, China  
Qinghui Tan, CSTNET, China  
Jian-ru,Zheng, CSTNET, China  
Julie Wernert, Indiana University, USA  
Heather Boyles, Internet2, USA  
Jocelyn Gerich, Internet2, USA

## **BRIEF HISTORY OF THE SYMPOSIUM**

The Chinese American Networking Symposium (CANS) was initiated in the summer of 1998 by the Chinese Association for Science and Technology (CAST), USA, and the University of Maryland (UMCP) and co-sponsored by the China Education and Research Network (CERNET) and the China Science and Technology Network (CSTNET). The first event was held in Washington, DC in January, 1999, with more than 50 executives, network industry leaders, and officials from China, and over 60 participants from the USA. Chinese attendees represented the education and research community and the major Internet service providers in China: China Education and Research Network (CERNET), China Science and Technology Network (CSTNET), China Commercial Network (ChinaNet), and representatives from the Ministry of Education, Ministry of Information Industries, Chinese Academy of Sciences, and some Chinese local governments. Many attendees from China participated in organized tours of Washington, DC, monuments and museums, and visits to local technology companies. With the great success of this event, it has since become an annual event held alternatively in the USA and China.

Technical topics have focused on the traditional advanced networking research and infrastructure development issues that have been integral to CANS and remain important, but have evolved and expanded to include “higher level” subjects: infrastructure development and especially Open International Exchange Points; the complexities of international network interoperability and routing issues; IPv6 deployment and development; Middleware and Federations; technical aspects of Grids; and e-Science and research collaboration support. Each CANS meeting also incorporates unique cultural experiences for the attendees.

**CANS 2000**, held in Beijing, China in May, 2000, was highlighted by the signing of a historical Memorandum of Understanding between Internet2 and the Chinese advanced network organizations to collaborate in bringing advanced networking capabilities to Chinese R&E communities. Many conference attendees took advantage of the location to visit the Great Wall and other cultural treasures.

**CANS 2001** was held in Rockville, MD, with probably the most memorable conference event being a “Crab Feast” of Maryland blue crabs and demonstrations of advanced applications, including high definition uncompressed video.

**CANS 2002**, held in Shanghai, China, featured support for remote presentations via advanced networks, with video conferencing supported in every meeting room for the first time.

**CANS 2004** was hosted by Florida International University in Miami, Florida; special highlights included a Caribbean dinner at an authentic Latin American restaurant, a violin tutoring session between New World Symphony instructor in Miami and student at Tsinghua University via HD video, and live Panda webcam from Sichuan Province.

**CANS 2005** was held in Shenzhen, China. Topics focused on Advanced Network Architecture, Grid Enabled Infrastructure and Middleware, e-Science and Applications. The special event for the meeting was an evening at an outdoor theater presentation of “5000 Years of Chinese History”.

**CANS 2006** was held in Chicago, IL, in conjunction with the Internet2 Fall Member Meeting, celebrating the 10<sup>th</sup> anniversary of the founding of Internet2. An addition that year was a “Grid Collaboration Workshop”, focused on promoting specific grid-based collaboration between US and Chinese counterparts. And the special event was an evening at a Chicago-style pizza restaurant.

**CANS 2007** was held in Xi’an, China, in conjunction with the APAN Conference. The cultural highlight of the meeting was dinner at the "Shanxi Grand Opera House" where we enjoyed the "Dumpling Banquet Tang Dynasty" followed by the “Tang Dynasty Show”. And of course many attendees took advantage of the location to visit the Terra Cotta Army.