

CANS 2009 SYMPOSIUM PROGRAM

All times are China Standard Time

Thursday, 3 December

3:30 pm - 7:20 pm **Opening Ceremony**

Chair: [Hualin Qian](#)

3:30 pm - 3:45 pm History of CANS

[Don Riley](#)

University of Maryland

3:45 pm - 5:30 pm Keynote Speeches

[Lintao Jiang](#)
[Jianping Wu](#)
[Guru Parulkar](#)

Chinese Academy of Telecommunication Research
CERNET, Tsinghua University
Clean Slate Internet Design Program, Stanford
University [[pdf](#)]

Break

6:00 pm - 6:15 pm Welcome Remarks

[Jianping Wu](#)
[Doug Van Houweling](#)
[Feiyue Wang](#)

CERNET, Tsinghua University
Internet2
CAST-USA

6:15 pm - 7:15 pm Leaders' Speeches

Zhimin Li
[José Muñoz](#)
Jinghua Cao

Ministry of Education
National Science Foundation
Chinese Academy of Sciences

7:15 pm - 7:20 pm Welcome Remarks

[Xiangyang Huang](#)

CNIC, Chinese Academy of Sciences

7:30 pm

**Reception and
Celebration Banquet**

Friday, 4 December

9:00 am - 10:00 am

Session I

**Clean Slate, Evolutional, and Incremental
Solutions for the Internet**

Chair: [Guru Parulkar](#)

[Heidi Picher Dempsey](#)
[Steve Corbató](#)

GENI: Exploring Networks of the Future [[pdf](#)]
[Supporting protoGENI and Advanced
Cyberinfrastructure at the University of
Utah](#) [[pdf](#)]

Break

10:20 am - 11:50 am

Session II

**Clean Slate, Evolutional, and Incremental
Solutions for the Internet**

Chair: [Hualin Qian](#)

Shuai Gao
[Steve Cotter](#)
[Jun Bi](#)

Identifier-Based Network Research Progress
[ESnet's Advanced Networking Initiative](#)
SAVI-CPS and CERNET2 Deployment

Lunch

1:00 pm - 2:30 pm

Session III

Transition to IPv6

Chair: [Yan Ma](#)

[Xing Li](#)

IVI translation concepts and experience [[pdf](#)]

[Dale Finkelson](#)
Wei Wang

v6 Topics and Internet2 [[pdf](#)]
Consideration on IPv6 Address Management
[\[pdf\]](#)

Break

2:50 pm - 4:20 pm

Session IV

Networking Industry Panel

Chair: [Doug Van Houweling](#)

[Kevin Yin](#)
Malcolm Ma
[David Yen](#)

[Key Technologies for Cloud Computing](#) [[pdf](#)]
From IPv6 Ready to IPv6 Now
Cloud Computing and Data Center Fabric [[pdf](#)]

4:30 pm

Lao She Teahouse

December 5, Saturday

9:30 am - 10:30 am

Session V

Cloud Computing Industry Panel

Chair: [Xing Li](#)

[Jinzy Zhu](#)
[Dennis Gannon](#)

Cloud Computing Case Studies [[pdf](#)]
[Data Centers, Client Devices and the Cloud: Tools to Support Scientific Research](#) [[pdf](#)]

Break

11:00 am - 12:30 pm

Session VI

Applications I

Chair: [Steve Corbató](#)

[Zhiwei Xu](#)
[Randy Frank](#)
[Paul Uhlir](#)

China's Requirements for Future Net
The Internet2 Research & Development Agenda
for 2010 [[pdf](#)]
[Opportunities for Bilateral Cooperation in](#)

[Scientific Data Activities \[pdf\]](#)

Lunch

1:30 pm - 3:00 pm

Session VII

Applications II

Chair: [Don Riley](#)

[Xiu-zhong Zhang](#)
[Miron Livny](#)
[Kejun Dong](#)

[e-VLBI Application in China \[pdf\]](#)
[Resource Allocation in Distributed Systems \[pdf\]](#)
Collaboration Environment for e-Science:
Duckling [\[pdf\]](#)

Break

3:30 pm - 5:00 pm

Session VIII

Internet Security and Monitoring

Chair: Shuigen Xiao

[Farnam Jahanian](#)
Jian Gong
[Greg Cole](#)
[Harika Tandra](#)

[Securing the Internet Cloud: Challenges & Opportunities \[pdf\]](#)
Monitoring CERNET Backbone - HYDRA System [\[pdf\]](#)
GLORIAD's Automated Flow-based Network Performance Monitoring [\[pdf\]](#)

5:00 pm - 6:00 pm

Closing Ceremony

Co-Chairs: Director Xiangyang Huang, Prof. Xianping Wu, Dr. Bill Chang, Prof. Don Riley