






CANS 2008 Program



Monday, October 20

- 7:30-17:00 Registration
- 7:30-9:00 Breakfast – Conference Area Atrium
- 9:00-9:45 Opening Ceremony ([PPT](#))
Chair: Don Riley, Professor, IEEEAF Chair, University of Maryland
Local Host Welcome 
[Brad Wheeler](#), Vice President for Information Technology and CIO,
Indiana University 
Internet2 ([PPT](#)) 
[Doug Van Houweling](#), President and CEO, Internet2
Jeff Lehman, Chair, Internet2 Board of Trustees
CERNET
[Jianping Wu](#), Director 
CSTNET
[Jingguo Ge](#),
Deputy Director, China Science and Technology Network 
CAST – USA
[Minyue Lin](#), Chariman of Board 
Introductory Remarks
Bill Chang 
- 9:45-10:30 China Keynote ([PDF](#))
Ju Jin, Minister Counselor of Chinese Embassy 
[Jianping Wu](#), CERNET Director, APAN Chair 
- 10:30-11:00 Break
- 11:00-12:00 US Keynote
Ed Seidel, Director of the Office of Cyberinfrastructure, NSF 
- 12:00-13:30 Lunch – The Bistro (directly above the hotel lobby)
- 13:30-15:00 Session 1 – Current and Next Generation Networking 
Chair: Jim Williams, Manager, Global Network Initiatives, Indiana University
CSTNet in Progress
Qunhui He, CNIC, Chinese Academy of Sciences
A Source Address Validation Architecture (SAVA) and IETF SAVI Working Group ([PPT](#))
[Jun Bi](#), Tsinghua University

- Internet2 ([PPT](#))
[Eric Boyd](#), Deputy Technology Officer, Internet2
- 15:30-16:00 Break
- 16:00-17:30 Session 2 – Current and Next Generation Networking 
Chair: [Xingwei Wang](#), Northeastern University
ESnet ([PPT](#))
[Eli Dart](#), Network Engineer, ESNet
AsiaFI Activities ([PPT](#))
[Jun Bi](#), Secretariat Director, AsiaFI Forum
GENI: Global Environment for Network Innovations ([PDF](#))
[Aaron Falk](#), Engineering Architect and Lead System Engineer, GENI Project Office
- 18:00-21:00 Special Event – the [Eiteljorg Museum](#)
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Tuesday, October 21

- 7:30-8:30 Breakfast – Conference Area Atrium
- 8:30-10:00 Session 3 – IPv6 
Chair: [Dale Finkelson](#), Network Engineer, Information Services, University of Nebraska Lincoln
IPv6 Experience of Mobile Wireless Networks ([PPT](#))
[Qian Wu](#), Tsinghua University
The Challenge of IPv6 for the US R & E Community ([PPT](#))
[Dale Finkelson](#), University of Nebraska Lincoln
- 10:00-10:30 Break
- 10:30-12:00 Session 4 – NOCs: Measurement, Network Provisioning and Security 
Chair: [Mark Bruhn](#), Associate Vice President, Information & Infrastructure Assurance, Indiana University
Current Practice for Network Analysis in CSTNet ([PPT](#))
[Chungjing Han](#), CNIC, Chinese Academy of Sciences
CARSI – Cross University Identity Management and Resource Sharing over CERNET ([PDF](#))
[Ping Chen](#), Peking University
Botnet Detection and Network Security Alert ([PPT](#))
[Tao Jing](#), CNIC, Chinese Academy of Sciences
- 12:00-13:30 Lunch – The Bistro (directly above the hotel lobby)

- 13:30-15:00 Session 5 – NOCs: Measurement, Network Provisioning and Security 
Chair: [Dave Jent](#), Associate Vice President Networks, Indiana University
CERNET2 Operation ([PPT](#))
[Xingwei Wang](#), Northeastern University
Distributed Virtual NOC
[Greg Cole](#), GLORIAD
Developing the GENI Meta Network Operations Center ([PPT](#))
[Jon-Paul Herron](#), Indiana University
- 15:00-15:30 Break
- 15:30-17:00 Session 6 – Interconnection Topologies 
Chair: John Silvester, Professor, Ming Hsieh Department of Electrical Engineering, University of Southern California
CNGI-6IX ([PPT](#))
[Jun Bi](#), Tsinghua University
GLIF: Linking the Globe with Light
Gigi Karmous-Edwards, Principal Scientist, MCNC
GOLE and Exchange Point Architectures ([PPT](#))
John Silvester, University of Southern California
- 18:00-19:30 Reception – President's Room (at the hotel)
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Wednesday, October 22

- 7:30-8:30 Breakfast – Conference Area Atrium
- 8:30-10:00 Session 7 – Global eScience Part One 
Chair: [Maxine Brown](#), Associate Director, Electronic Visualization Lab, University of Illinois at Chicago
Global CyberBridges Hurricane Mitigation ([PPT](#))
[Heidi Alvarez](#), CIARA/AMPATH Director, Florida International University
Javier Delgado, Florida International University
Juan Zhao, CNIC, Chinese Academy of Sciences
Network video monitoring system for Qinghai Lake ([PPT](#))
[Tao Yang](#), Professor, CNIC, Chinese Academy of Sciences
Daya Bay Reactor Neutrino Experiment
[Craig Tull](#), National Energy Research Scientific Computing Center, Lawrence Berkeley National Laboratory

- 10:00-10:30 Break
- 10:30-12:00 Session 8 – Global eScience Part Two 
Chair: Chunjing Han, CNIC, Chinese Academy of Sciences
Our Practices over IPv6 ([PPT](#))
[Hua Yuan](#), Professor, South China University of Technology
US – China Roundtable on Scientific Data Cooperation: An overview of objectives and activities ([PPT](#))
[Subhash Kuvelker](#), Senior Program Officer, National Academy of Sciences
- 12:00-12:30 Wrap-up and Closing
- 12:30-14:00 Lunch (box lunches available in the Conference Area Atrium)
- 13:30 Tour of the Indiana Global NOC
Please meet at the registration desk in the Conference Area Atrium