

CANS 2006 Symposium Program

CANS 2006 is the 7th annual event and will be held Dec. 6-8, 2006, in Chicago, IL; hosted by Internet2 and held in conjunction with the Internet2 Fall Member Meeting.

CANS 2006

The CANS Meeting will take place in Room CC21 A/B/C

(except for the breakout session on Friday which will take place in Room CC11A)

All times are Central Standard Time

Wednesday, 6 December	
07:30 - 08:45	Breakfast
08:45 - 17:30	Internet2 Member Meeting Sessions
19:00 - 22:00	Internet2 Gala Reception
Thursday, 7 December	
08:00 - 09:00	Continental Breakfast
09:00 - 10:30	Opening Session Don Riley, CANS2006 Organizing Committee Co-Chair, moderator [pdf] CANS Council Organization Welcome and Introductions CANS2006 US Hosting Organization – Douglas E. Van Houweling, President and CEO, Internet2 CANS2006 China Hosting Organization – Jun Li,

	<p>Director, CNIC, Chinese Academy of Sciences</p> <p>CANS Council Organizer – Jing Lou, Division Chief, China Ministry of Education, CERNET Administration Committee</p> <p>CANS Council Organizer – Minyue Lin, Chair, CAST-USA</p> <p>US NSF Beijing Office – William Chang [htm] [ppt]</p> <p>National Development and Reform Commission of China – Xiaojiang Xing, Division Chief</p>
10:30 - 11:00	Break
11:00 - 12:30	<p>Keynote Talks Heather Boyles, Internet2, moderator</p> <p><i>Cyberinfrastructure and Grid Technology</i>, Dan Atkins, Director, Office of Cyberinfrastructure, U.S. National Science Foundation [htm] [pdf]</p> <p><i>CNGrid: Today and Tomorrow</i>, Depei Qian, Chief Scientist for the China National Grid (CNGrid) and Professor at Beihang University, China (via video-conference)</p>
12:30 - 13:30	Lunch
13:30 - 14:45	<p>Overview of Grid Activities in China and the US Middleware and Standards for Grid (part 1) Kevin Thompson, NSF, Moderator</p> <p><i>Open Science Grid</i>, Ruth Pordes, FNAL, Executive Director, OSG [htm] [ppt]</p> <p><i>Globus and SOA</i>, Ian Foster, University of Chicago and Argonne National Lab [htm] [ppt]</p> <p><i>e-Science and Grid Activities in CAS</i>, Kaichao Wu, Chinese Academy of Sciences</p>

14:45 - 15:15	Break	
15:15 - 17:00	<p>Middleware and Standards for Grids and Overview of Grid Activities in China and US (part 2)</p> <p><i>Condor and Build&Test</i>, Miron Livny, U. Wisconsin</p> <p><i>Shibboleth and Campus Grid Infrastructure</i>, Keith Hazelton, U Wisconsin [pdf]</p> <p><i>System Software Overview of China National Grid</i>, Yongqiang Zou, (via video-conference)</p> <p><i>TeraGrid and Grid Interoperation Now</i>, Charlie Catlett, Argonne National Lab</p>	
17:00 - 17:50	Closing Session	
Friday, 8 December		
08:00 - 09:00	Continental Breakfast	
09:00 - 10:30	<p>Track 1: Continuation of grid focus</p> <p>Collaborations and Applications</p> <p><i>OptIPuter and GLIF</i>, Maxine Brown, University of Illinois, Chicago [htm] [ppt]</p> <p><i>Scientific Collaboration Cyberspace for China State Key Labs</i>, Tie Jian Luo, Graduate University of Chinese Academy of Sciences [htm] [ppt]</p> <p><i>PRAGMA: A Framework for Collaboration</i>, Cindy</p>	<p>Track 2: Networking Infrastructure and Technology</p> <p>New research and education network infrastructure developments in China and the US</p> <p>Jacqueline Brown, University of Washington, moderator</p> <p>This session will focus on the development and deployment status of new hybrid network technologies and services</p>

	<p>Zheng, SDSC</p> <p><i>caBIG--the Cancer Biomedical Informatics Grid</i>, Shannon Hastings, Ohio State University [htm] [ppt]</p>	<p>by both the Chinese and US research and education networks. R&E networks in a number of countries are beginning to develop and deploy a hybrid of circuit or "lightpath" based services and high-performance shared IP services for their higher education and research users.</p> <p><i>Dragon Lab: A Multi-space-time Distance Lab</i>, Prof. Xing Li, CERNET</p> <p><i>Hybrid Network in CSTNET</i>, Jiangning Chen, CSTNET</p> <p><i>Supporting hybrid services at an international exchange facility: the experience of PacificWave</i>, Dave McGaugh, Pacific Northwest Gigapop</p> <p><i>Developing and deploying hybrid services for the new Internet2 network: experience from HOPI and international lightpath service trials</i>, Rick Summerhill, Internet2</p>
10:30 - 11:00	Break	
11:00 - 12:30	Track 1: Continuation of grid focus	Track 2: Networking Infrastructure and

	<p>Focus on Future Collaborations</p> <p>Don Riley, moderator</p> <p>This panel will focus on summarizing the key points of the workshop presentations and current collaborations; discussing successful ways and barriers/inhibitors for effective collaboration; identifying potential candidate projects for increased collaboration; and suggesting possible next steps, some of which could result in progress by the next CANS meeting.</p>	<p>Technology</p> <p>The next generation of the Internet: efforts in China and US</p> <p>Jiangning Chen, CNIC, moderator</p> <p>This session will focus on major efforts in the US and China to research and develop networking technologies and architectures important to the future of the Internet.</p> <p><i>From routing to hierachical switching: New foundation to the future Internet</i>, Jingguo Ge, CSTNet</p> <p><i>The US GENI Initiative</i>, Kevin Thompson, NSF [htm] [ppt]</p> <p><i>CERNET2 Updates</i>, Haixing Duan, CERNET</p> <p><i>6PlanetLab activities in CNGI-CERNET2</i>, Maoke Chen, CERNET</p>
12:30 - 13:30	Lunch	
13:30 - 14:45	Tours for Chinese Participants	
14:45 - 15:15		
15:15 - 17:00		