

Papers and Presentations 2006

Publications and White Papers (Most recent first)

- [Bridging the Digital Divide](#), R. Les Cottrell and Harvey Newman, American Institute of Physics Forum on International Physics Newsletter.
- [Scientific Measure of Africa's Connectivity](#), M Zennaro, E. Canessa, k. R. Sreenivassan, A. A. Rehmatullah, R. L. Cottrell, **The** Massachusetts Institute of Technology Information Technologies and International Development Volume 3, Number 1, Fall 2006, 55–64
- [Evaluation of TCP Congestion Control Algorithms on the Windows Vista Platform](#), by Yee-Ting Li, May 2006
- [Evaluation of Techniques to Detect Significant Network Performance Problems using End-to-end Active Network Measurements](#), R. L. Cottrell, M. Chhaparia, F. Haro, F. Nazir, M. Sandford, NOMS 2006, April 2006
- [Quantifying the Digital Divide: A Scientific Overview of the Connectivity of South Asian and African Countries](#), A. Rehmatullah, R. L. Cottrell, J. Williams, A. Ali, CHEP06.
- [Terapaths: A QOS-Enabled Collaborative Data Sharing Infrastructure for Peta-Scale Computing Research](#), S. Bradley, F. Burstein, B. Gibbard, D. Katramatos, R. Popescu, D. Stampf, D. Yu, R. L. Cottrell, Y. Li, S. McKee, CHEP06.
- [January 2006 Report of the ICFA-SCIC Monitoring Working Group](#), edited by Les Cottrell for the ICFA SCIC Monitoring Working Group.

Talks (Most recent first)

- [Sub-Saharan Africa is a dark zone for World Internet: Sounding an Alarm](#), prepared by Les Cottrell, presented by Warren Matthews at the [Internet 2 Fall 2006 Members Meeting](#), Chicago Dec 2006
- [Sub-Saharan Africa is a dark zone for World Internet: Sounding an Alarm](#), presented by Les Cottrell at the [Sharing Knowledge Across the Mediterranean](#) conference at ICTP Trieste Nov 6-8, 2006.
- [Terapaths Monitoring DWMI: Distributed Wide Area Monitoring Infrastructure](#), presented by Les Cottrell at the US-LHC End-to-End Networking Meeting, FNAL October 25, 2006
- [Quantifying the Digital Divide from an Internet Point of View](#), R. Les Cottrell, Aziz Rehmatullah, Jerrod Williams and Akbar Mehdi, Presented at the Reuters Digital Vision Program Stanford October 17, 2006.
- [Performance Network monitoring for the LHC Grid](#), R. Les Cottrell, presented at the "[International ICFA Workshop on Grid Activities within Large Scale International Collaborations](#)", Sinaia, Romania October 13-18, 2006.
- [Internet Monitoring and Results for the Digital Divide](#), R. Les Cottrell, Aziz Rehmatullah, Jerrod Williams and Akbar Mehdi, presented at the "[International ICFA Workshop on Grid Activities within Large Scale International Collaborations](#)", Sinaia, Romania October 13-18, 2006.
- [Navigating PingER](#), R. Les Cottrell, presented at ICTP "Optimization Technologies for Low-Bandwidth Networks" workshop
- [Diagnostic Steps](#), R. Les Cottrell, presented at ICTP "Optimization Technologies for Low-Bandwidth Networks" workshop
- [Quantifying the Digital Divide from an Internet Point of View](#), R. Les Cottrell, Aziz Rehmatullah, Jerrod Williams and Akbar Mehdi, presented at ICTP "Optimization Technologies for Low-Bandwidth Networks" workshop Trieste October 2006.
- [SLAC and PerfSONAR](#), Yee-Ting Li, presented at the PerfSONAR Workshop, Montpellier, France, October 10, 2006.
- [Bandwidth Challenges and Internet World Records](#), R. Les Cottrell and Yee-Ting Li, presented at ICTP "Optimization Technologies for Low-Bandwidth Networks" workshop Trieste October 2006.
- [Contributions of HEP to China Internet](#) (mainly in Chinese), Rongsheng Xu, Aug 25, 2006
- [Steps Towards Automated Event Diagnosis \[ppt\] \(amended\)](#), presented by Yee-Ting Li at the ESnet Meeting, 20th July 2006
- [Steps Towards Automated Event Diagnosis \[ppt\]](#), presented by Yee-Ting Li at the Internet2 Measurements SIG, 18th July 2006
- [High Performance Network Monitoring Challenges for Grids](#), presented by Les Cottrell at the International Symposium on Grid Computing 2006, Taiwan, May 2006.
- [PingER: An Effort to Quantify the Digital Divide](#), presented by Aziz Rehmatullah, May 2006.
- [Evaluation of Techniques to Detect Significant Performance Problems using End-to-end Active Network Measurements](#), presented by M. Chhaparia at the 2006 IEEE/IFIP Network Operations & Management Symposium, April 2006.
- [IEPM-BW Deployment Experiences](#), Presented by Connie Logg to the Joint Techs Workshop February 2006, Albuquerque, New Mexico.
- [IEPM-BW: Bandwidth Change Detection and Traceroute Analysis and Visualization](#), Presented by Connie Logg to the Joint Techs Workshop February 2006, Albuquerque, New Mexico.
- [Stanford University, SLAC, NIIT, the Digital Divide and Bandwidth Challenge](#), Presented by Les Cottrell to the NUST/NIIT Faculty, Islamabad, Feb 2006.
- [Using Netflow for Forecasting](#), Presented by Les Cottrell at CHEP06.
- [Quantifying the Digital Divide: A scientific overview of the connectivity of South Asian and African Countries](#), presented by Les Cottrell at CHEP06.
- [SC05 Presentation to ESnet \(pdf\)](#) presented by Yee-Ting Li at the ESCC Meeting, University of New Mexico 02/09/06.

Photos

- [Visit to NIIT, Rawalpindi, Feb 2006](#)
- [CHEP06 Mumbai](#)