



Welcome to Hot Interconnects

- **General Co-Chairs**
 - Silvia Figueira
 - Hans Peter Dommel
- **Program Chair**
 - John Lockwood
- **Tutorial Chair**
 - Sonia Fahmy
- **Treasurer**
 - Anne Watters
- **Local Chair and Webmaster**
 - Liz Rogers
- **Publicity Chair**
 - Ellen Schuette
- **Steering Committee**
 - Daniel Pitt
 - Mark Laubach
 - Allen J. Baum
 - Hasan Alkhatib
 - Paul Borrill
 - Glenn Langdon



Technical Program

- **Gigabit/sec and Terabit/sec Switching Technologies**
 - QoS, Multicast, Power
- **High Speed Packet Scheduling**
 - Flow tables, Round-robin and deadline-based scheduling
- **Multiprocessors, Opto-Electronics, and Storage Area Networks**
- **Gigabit/sec and Terabit/sec Routing Technologies**
 - Packet classification, Improvements over CAMs
- **High Speed Packet Processing Engines**
 - Network processors, custom hardware, FPGAs
- **Wireless, Broadband, and Optical Networks**



A Symposium on
High Performance Interconnects

Program Committee

- Adnan Aziz
 - U Texas
- Victor Bahl
 - Microsoft
- Ken Calvert
 - U Kentucky
- Andrew Campbell
 - Columbia
- Ian Crayford
 - Broadcom
- Norival Figueira
 - Nortel
- Pankaj Gupta
 - Cypress Semiconductor
- Edward Knightly
 - Rice University
- John Lockwood
 - Washington University
- Bryan Lyles
 - Sprint Labs
- Shubu Mukherjee
 - Intel
- Peter Newman
- Vijay S. Pai
 - Rice University
- Fabrizio Petrini
 - LANL
- Scott Rixner
 - Rice University
- Elizabeth Royer
 - UC Santa Barbara
- Steve Sheafor
 - Vitesse
- R. Srikant
 - U Illinois
- Ron Srodawa
 - Oakland Univ.
- Dimitrios Stiliadis
 - Bell Labs
- James Sterbenz
 - BBN
- Ion Stoica
 - Berkeley
- Nina Taft
 - Sprint Labs
- Anujan Varma
 - UC Santa Cruz
- Marcel Waldvogel
 - IBM Zurich
- Zhi-Li Zhang
 - U. Minnesota



A Symposium on
High Performance Interconnects

Schedule: Thursday, Aug 22

- 7:30 - 8:45 am : Breakfast
- 8:45 am
 - **Keynote: Eric Brewer: Thinking Across Layers: What do we want out of a network**
- 9:45 - 10:15 am : Break
- 10:15 am
 - **Session 4 : Gigabit/sec and Terabit/sec Routing Technologies**
- Noon - 1:30 pm : Lunch
- 1:30 pm
 - **Session 5: High Speed Packet Processing Engines**
- 3:00 - 3:30 pm : Break
- 3:30 pm
 - **Session 6: Wireless, Broadband, and Optical Networks**



Schedule: Friday, Aug 23

- 7:30 - 8:30 am : Breakfast
- 8:30 am - Noon
 - **Tutorial 1: Raj Jain: Optical Networking: Recent Developments, Issues and Trends**
 - **Tutorial 2: Dhabaleswar Panda: InfiniBand Architecture and Where It Is Headed**
- 9:45 - 10:15 am : Break
- Noon - 1:30 pm : Lunch
- 1:30 pm - 5:00 pm
 - **Tutorial 3: James Sterbenz: High-Speed Networking: A Systematic Approach to High-Bandwidth, Low-Latency Communication**
 - **Tutorial 4: Nitin Vaidya: Mobile Ad Hoc Networking: Medium Access Control and Routing Protocols**
- 3:00 - 3:30pm : Break

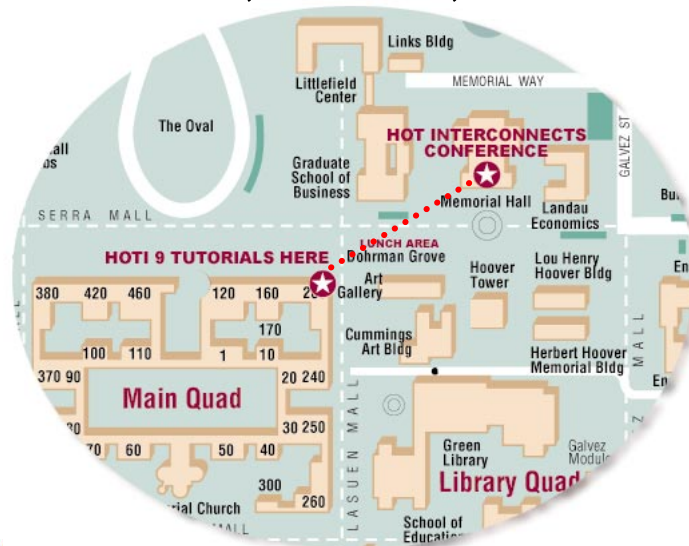


Networking at Memorial Auditorium

- **Wireless LAN (802.11b)**
 - Net Name/SSID = Wireless
 - DHCP : Automatically provides address & name server
 - Coverage: Auditorium, Lobby, Break area, Greenroom
- **Wired Ethernet**
 - Upper landing in lobby
 - 10 Mbps
- **Human**
 - Between sessions, in the break area



Lunches, Dinner, Tutorials



- Authors:
 - Upload presentations to:
 - <http://www.gradebot.com/hoti>
- Presentations will be made on-line
 - <http://www.hoti.org/>
- Proceedings
 - Published by IEEE
 - 2002 Proceedings: ISBN 0-7695-1650-5
 - 2001 Proceedings: ISBN 0-7695-1357-3
 - Available On-Line
 - <http://shop.ieee.org/store/>
 - <http://www.bn.com/>



Upcoming Conferences

- **MSE 2002 : Microelectronic Systems Education**
 - Anaheim, California [Co-located with DAC]
 - June 1-2, 2003 [Just before DAC] : Papers Due Jan 15
 - System-On-Chip, FPGA, ASIC, Computer Aided Design
 - Education, University/Industry programs, Remote Learning
 - <http://www.mseconference.org/>
- **Hot Interconnects 11 : August 2003**
 - Stanford University, CA
 - August 2003 [Just after Hot Chips]
 - High speed packet switching, routing, scheduling & processing
 - Broadband, Wireless, Optical, SANs, clusters
 - <http://www.hoti.org/>

