



# Conference Program

All workshop sessions are held in the Regency Ballroom

May 12, 2002

5:00 PM - 8:00 PM	Registration, continues at 8:00 AM - 10:00 AM on May 13 (Mezzanine Foyer)
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May 13, 2002

8:00 AM - 9:00 AM	Continental Breakfast
9:00 AM - 10:30 AM	Keynote Address: <a href="#">Programmable Network Processors -- an opportunity for proactive networking</a> [abstract] Alan Crouch, Intel Corporation
10:30 AM - 11:00 AM	Break
11:00 AM - 12:30 PM	Network Issues for Video and Games Session Chair: Christos Papadopoulos, USC  <i>Adaptive Rate Control for Streaming Stored Fine-Grained Scalable Video</i> Philippe de Cuetos, Keith W. Ross  <i>Probabilistic Congestion Control for Non-Adaptable Flows</i> Joerg Widmer, Martin Mauve, Jan Peter Damm  <i>On the Impact of Delay on Real-Time Multiplayer Games</i> Lothar Pantel, Lars C. Wolf
12:30 AM - 1:30 PM	LUNCH (Lobby Lounge)
1:30 PM - 2:30 PM	Potporri Session Chair: Christophe Diot, Sprint ATL  <i>Characterizing Locality, Evolution, and Life Span of Accesses in Enterprise Media Server Workloads</i> Lucy Cherkasova, Minaxi Gupta  <i>The Design of a Transport Protocol for On-Demand Graphical Rendering</i> Albert Harris, Robin Kravets
2:30 PM - 3:00 PM	Break
3:00 PM - 4:30 PM	VoIP Session Chair: Venkata Padmanabhan, Microsoft  <i>SIP-based Conference Control Framework</i>

Petri Koskelainen, Henning Schulzrinne, Xiaotao Wu

*Impact of Link Failures on VoIP Performance*

Catherine Boutremans, Gianluca Iannaccone, Christophe Diot

*Comparison and Optimization of Packet Loss Repair Methods on VoIP Perceived Quality under Bursty Loss*

Wenyu Jiang, Henning Schulzrinne

May 14, 2002

8:00 AM - 9:00 AM	Continental Breakfast
9:00 AM - 10:30 AM	<p>Mobile and Wireless System Session Chair: Robin Kravets, UIUC</p> <p><i>Understanding Bandwidth Allocation Techniques for the First-Hop in Wireless Networks</i> Lili Qiu, Victor Bahl, Atul Adya</p> <p><i>Application Level Hand-off Support for Mobile Media Transcoding</i> Sessions Sumit Roy, Bo Shen, Vijay Sundaram, Raj Kumar</p> <p><i>Integration of Dynamic Voltage Scaling and Soft Real-Time Scheduling for Open Mobile Systems</i> Wanghong Yuan, Klara Nahrstedt</p>
10:30 AM - 11:00 AM	Break
11:00 AM - 12:00 PM	<p>Distribution Overlays Session Chair: Dan Rubenstein, Columbia</p> <p><i>Broadcast Federation: An Application-layer Broadcast Internetwork</i> Yatin Chawathe, Mukund Seshadri</p> <p><i>Topology-Aware Overlay Networks for Group Communication</i> Minseok Kwon, Sonia Fahmy</p>
12:00 PM - 1:00 PM	LUNCH (Lobby Lounge)
1:00 PM - 2:30 PM	<p>Video Streaming I Session Chair: Su Wen, Univ of Kentucky</p> <p><i>A Demand Adaptive and Locality Aware (DALA) Streaming Media Server Cluster Architecture</i> Zihui Ge, Ping Ji, Prashant Shenoy</p> <p><i>Optimal Proxy Management for Multimedia Streaming in Content Distribution Networks</i> Chitra Venkatramani, Olivier Verscheure, Pascal Frossard, Kang-Won Lee</p> <p><i>Selecting among Replicated Batching Video-on-Demand Servers</i> Meng Guo, Mostafa Ammar, Ellen Zegura</p>

<p>2:30 PM - 3:00 PM</p>	<p>Break</p>
<p>3:00 PM - 4:00 PM</p>	<p>Video Streaming II                      Session Chair: Kevin Almeroth, UCSB</p> <p><i>A Framework for Scalable and Inexpensive Video Delivery</i>                      Min-You Wu, Su-Jun Ma, and Wei Shu</p> <p><i>Distributing Streaming Media Content Using Cooperative Networking</i>                      Venkata N. Padmanabhan, Helen J. Wang, Philip A. Chou, and Kunwadee Sripanidkulchai</p>