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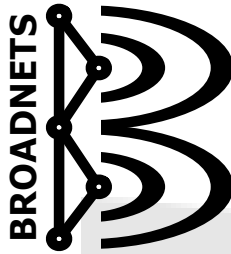
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Krishna Sivalingam, UMBC

Thomas Hou, Virginia Tech

Ioannis Tomkos, Athens Info. Tech.

Brian J. Bigalke (Staff Liaison), IEEE Comsoc



BROADNETS 2006

Third International Conference on
Broadband Communications, Networks,
and Systems

October 1-5, 2006
San José, California, USA



IEEE



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<http://www.broadnets.org>

BROADNETS 2006 is an international conference focusing on broadband communications, networks, and systems and covers the entire gamut of next generation networks, communications systems, applications and services. It consists of the following three symposia:

WIRELESS COMMUNICATIONS, NETWORKS, AND SYSTEMS SYMPOSIUM

covers mobility, routing for multihop, multimedia QoS and traffic management, cross-layer optimization, MAC and emerging physical layer technologies (UWB, MIMO) for high-speed wireless networking, and other related topics.

OPTICAL COMMUNICATIONS, NETWORKS, AND SYSTEMS SYMPOSIUM

covers WDM technologies, Ethernet and MPLS integration into the optical layer, Next-Generation SONET/SDH, as well as SAN extensions over DWDM/SONET/SDH, Optical and WDM communication systems and cross-layer design, and other related topics.

GENERAL SYMPOSIUM covers theory and algorithms of networking such as routing, congestion control, traffic engineering, peer-to-peer/overlay and security; architectures and protocols such as VPLS, SIP and IMS; and applications and services such as L2/L3 VPNs, VoIP, IPTV, content services and location-based services, and other related topics.

The final program consists of 83 high quality papers representing the latest advances in the above fields.

WORKSHOPS: Broadband Advanced Sensor Networks Workshop (Basenets), the Guaranteed Optical Service Provisioning Workshop (GOSP), the Grid Networks Workshop (Gridnets), and the Workshop on Optical Burst/Packet Switching (WOBS).

KEYNOTE: Dr. David Culler (UC Berkeley and Arch Rock), Wireless Sensor Networks - The Next Tier of the Internet.

PANELS: (1) Optical Networking Research: Decline or Resurgence? (2) Future Internet Architecture: Issues and Non-Issues.

INVITED TALKS: (1) Fouad A. Tobagi (Stanford Univ.), Interactions Between the Physical Layer and Upper Layers in Wireless Networks: The Devil is in the Details. (2) Enrique Hernandez-Valencia (Lucent Technologies): Building Ethernet/IP Service Awareness into NG Optical Transport Networks.