BROADNETS 2008

Fifth International Conference on Broadband Communications, Networks, and Systems

September 8 - 11, 2008 London, UK http://www.broadnets.org

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CALL FOR PAPERS

BROADNETS 2008 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. The conference welcomes papers in three tracks, covering topics (including, but not limited to):

WIRELESS Track
MIMO and OFDM techniques • Modulation and coding schemes • MAC protocols • Mobility management • Radio resource management • Packet scheduling algorithms • Routing protocols • Network architecture and topology design • Hybrid networks • Wireless traffic management • Cross-layer design and optimization • Wireless QoS • Multihop and relay networks • Mobile ad hoc networks • Wireless sensor and mesh networks

OPTICAL Track
WDM transmission technologies and systems • Optical cross-connects and optical packet and burst switches • Optical packet, burst and circuit switching networks • Optical access networks - FTTx networks and systems • Hybrid packet / circuit nodes and architectures • Radio over fiber based networks • FTTx networks and systems • Optical grids in access and core • SAN extensions • Multilayer optical networks (incl. Ethernet, IP, G-MPLS technologies) • Cross-layer design (incl. application layer dependence) • Reliable optical networking • Optical networking for green information and communications technology • Traffic grooming and processing • Modelling and design of optical networks and systems • Network operations and management • Passive Optical Networks • Techno-economic aspects of optical networks • Demonstrations and field-trials.

INTERNET Track
Routing • Scheduling • Congestion control • Traffic engineering • Network modeling • Network measurement • Network management • Network QoS • Network security • Overlay networks • Peer-to-peer networks • Content distribution networks • Web technologies • Media technologies (VoIP, IPTV, video streaming) • Location-based services • "Clean-slate" Internet architectures, algorithms, protocols, and services

Paper submission:	**March 21, 2008 (Extended)**
Acceptance notification:	**May 13, 2008**
Camera-ready submission:	**May 30, 2008**