

ACCESSNETS 2007

August 22-24, 2007, Ottawa, Ontario, Canada



CALL FOR PAPERS

Second International Conference on Access Networks

August 22-24, 2007, Ottawa, Ontario, Canada

<http://www.accessnets.org/2007/>

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Overview: With the rapid growth of the Internet as well as the increasing demand for broadband services, access networks have been receiving growing investments in recent years. This has led to a massive network deployment with the goal of eliminating the bandwidth bottleneck between end-users and the network core. Today many diverse technologies are being used to provide broadband access to end users. The architecture and performance of the access segment (local loop, wired and wireless access networks, and even home networks) are getting increasing attention for ensuring quality of service of diverse broadband applications. Moreover, most access lines will no longer terminate on a single device, thus leading to the necessity of having a home network designed for applications that transcend simple Internet access sharing among multiple personal computers and enable multimedia support. Therefore, the access network and its home portion have become a hot investment pool from both a financial as well as a research perspective.

The aim of the annual International Conference on Access Networks (AccessNets) is to provide a forum that brings together scientists and researchers from academia as well as managers and engineers from the industry and government organizations to meet and exchange ideas and recent work on all aspects of access networks and how they integrate with their in-home counterparts. AccessNets'07 is the second edition of this exciting event, which will be held in Ottawa, the beautiful and historical capital city of Canada, in August 2007. The conference will consist of technical sessions, workshops, and panels. The technical sessions will present original and fundamental research advances while the workshops and panels will focus on development, application, and related business issues in this hot and exciting area.

Topics: The conference solicits original technical papers that were not previously published and are not currently under review for publication elsewhere. Topics of interest include but are not limited to:

- FTTx and PON technologies
- xDSL technology and DSM
- Hybrid fiber coaxial (HFC) technology
- Cable-based access technology
- Powerline communication technology
- Digital satellite access technology
- WiFi and WiMax networks
- Wireless mesh networks
- Integrated wired/wireless networks
- Long reach Ethernet
- Home networks
- Networked appliances
- Hybrid wired/wireless LANs
- Municipal and community networks
- Network architectures and protocols
- Medium access control
- Cross-layer design
- OFDM, OFDMA, CDMA techniques
- MIMO techniques
- Service convergence
- Quality of service provisioning
- Network scalability and upgradeability
- Network survivability and security
- Billing and management aspects
- Business and regulatory aspects
- Deployment/standardization statuses

Panels and Workshops: We solicit panel and workshop proposals on hot and controversial topics in access networks. Proposals should be submitted to the panel and workshop co-chairs, respectively. Please visit the conference website for detailed instructions.

Paper Submission: Please visit the conference website for detailed instructions.

Important dates:	Paper submission due	April 1, 2007 (Extended)
	Notification of acceptance	May 31, 2007
	Final manuscript due	June 15, 2007