

ACCESSNETS 2009

November 2-3, 2009, Hong Kong, China



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CALL FOR PAPERS

Fourth International Conference on Access Networks

November 1-3, 2009, Hong Kong, China

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

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'09 is the fourth edition of this exciting event, which will be held in Hong Kong, China, on Nov. 2-3, 2009. The conference will consist of technical sessions, industry track, workshops, and panels. The technical sessions will present original and fundamental research advances while the industry track, 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
- 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.

Special Issue of IEEE System Journal: The best papers will be selected from AccessNets 2009 for publication as a special issue in IEEE System Journal. Please visit the conference website for detailed instructions. **All accepted papers will be published in Springer LNICST and will be considered for indexing by Engineering Information (EI).**

Important dates:	Paper submission due	April 16, 2009 (extended)
	Notification of acceptance	June 15, 2009
	Final manuscript due	July 31, 2009