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November 3-5, 2010
Budapest, Hungary

ACCESSNETS 2010

5th International ICST Conference
on Access Networks



Call For Papers

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 2010 is the fifth edition of this exciting event, which will be held in Budapest, Hungary, on November 3-5, 2010. 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:

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

Papers presented at this conference must be prepared according to LNICST style instructions. Both regular and invited papers are allowed to have up to 16 pages, including all figures, tables and references. Extra pages will incur additional charges.

All accepted papers will be published by Springer in the ICST Lecture Notes (LNICST) series.

Workshops

We solicit workshop proposals on new and emerging topics in wired and wireless access networks, services, and applications. A proposal should focus on a specific theme of current interest and can attract high-quality submissions. Proposals for one-day workshops to be held in conjunction with the conference are solicited. A proposal can be a maximum of 2 pages long and should clearly identify the theme and specific topics of interest which define the scope of the workshop. The proposal should also include the workshop chairs and a list of (candidate) program committee members.

Important dates

Workshop proposal deadline:	Extended to April 5, 2010
Paper submission deadline:	Extended to May 30, 2010
Notification of acceptance:	July 4, 2010
Camera ready deadline:	August 31, 2010
Conference date:	November 3-5, 2010

Please visit the conference web site for more details at: <http://accessnets.org/>