

# COMNETS 2005

## COMNETS-2005 2nd IEEE/Create-net International Workshop on Deployment Models and First/Last Mile Networking Technologies for Broadband Community Networks

[www.comnets.org](http://www.comnets.org)

**Date: Oct 7<sup>th</sup>, 2005 Location: Boston, USA**



### Organizing committee

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Based on the success of its predecessor, the *First International Workshop on CN and FTTx, held in Dallas, TX in October 2003*, COMNETS 2005 is planned to cover the whole spectrum of issues related to community networks and will integrate the main aspects of *planning, design, implementation and operation of Community networks*.

Community networks have evolved during the last decade in North America and, more recently, in Europe, from the concept of freenets or civic nets to the idea of open access networks, and represent a dramatic shift from the classical telecom infrastructures, service provisioning methods and business models.

The design of community networks requires the solution of challenging engineering tasks. The *first objective of the workshop* is to address *network technology issues* that include the optimal combination of wire-based and wireless technologies for the access part, the integration of the core/distribution and access networks, the provisioning of end-to-end quality of service for multimedia and other applications, the design of scalable applications and services tailored to the bandwidth and the access quality.

On the other hand, CNs, often being created, owned and operated with the participation of a local or regional government, are based on specific business models and service provisioning methods. Thus, the *second objective of the workshop* is to address the related *business and social issues* that include business models for planning, implementing, and operating CNs, legal/regulatory environment, planning of e-government, e-health, e-learning services. Case studies from all over the world are most welcome.

Original unpublished papers are solicited in areas including but not restricted to the following:

- Guidelines for network design and technology selection
- QoS support and service differentiation
- Implementation/operation experience
- New technology testing experience
- Wireless community networks
- Wireline (PLC, Fiber, xDSL) community networks
- Legal frameworks: experiences and new challenges
- Business oriented tests and case studies
- Municipal fiber, customer owned fiber networks
- Public-private ownership structures
- Killer applications for community networks (e-gov, e-health applications, e-learning)
- Providing entertainment services on CNs
- Case studies and experiences

Authors are encouraged to submit their original work through the workshop website: [www.comnets.org](http://www.comnets.org) or via COCUS system [www.cocus.info](http://www.cocus.info). Papers must be submitted by PST 11:59 pm **July 1 2005**. Papers can be a maximum of 6 pages long and must be in IEEE 2-column format 10 point Times New Roman font. Additional pages would be considered in exceptional cases.

### Important Dates:

July 1<sup>st</sup> 2005

Aug 31<sup>th</sup> 2005

Sept 15<sup>th</sup> 2005

Oct 7<sup>th</sup> 2005

Paper submission deadline

Acceptance Notification

Camera Ready papers

Workshop

