

BWAN 2006

BWAN - 2006 International Workshop On Broadband Wireless Access for Ubiquitous Networking



www.bwan.org
Date : Sept 20th, 2006 Location : Sardinia, Italy

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Today Broadband Wireless access (mobile/nomadic) is emerging to offer outstanding opportunities: In this new world of communicating devices, the evolution towards ubiquitous networking is promising new paradigm with the aim of providing communication capability any time anywhere transparently to the user.

The implementation of such a paradigm requires innovation in wireless network technologies and devices, development of infrastructures, enablers supporting enhanced features for ubiquitous capability.

The workshop is intended to present features based on new architectures supporting mobility and/or nomadic features for wireless access (IEEE 802.yx,...), the sharing of the network access, bandwidth sharing on radio access, network enablers all favouring the new perspective of ubiquitous and ambient networking. Within the framework of BWAN 2006, the next generation of network access will be investigated.

Topics of interest to this workshop include performance studies and solutions (algorithms, protocols, architectures) that tend to improve user experiences of services and applications with context awareness.

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

- New Architectures and technologies for broadband wireless access based on xDSL/FTTx, etc with mobility features,
- XDSL/FTTx+WiFi modem with mobility enhancement,
- Radio extension such as 802.xy (WiFi, WiMax, Mesh, etc),
- 4G, Cognitive radio, Interference mitigation for multiple accesses,
- QoS, IPv6, Efficient and scalable routing,
- Transport mechanism for supporting various high speed traffic,
- End to end security and privacy issues for ubiquitous Network access,
- AAA (Authentication, Authorization, Accounting),
- P2P network,
- Ambient Networking, RFID tags, sensors, actuators, etc,
- Standard and regulations.
- Network cost performance and Business Models,

Authors are encouraged to submit their original Work through the workshop website : www.bwan.org or via cocus conference management (www.cocus.info) where the format is specified. Papers must be submitted by PST 11:59 pm 15 May 2006.

This workshop will also have a panel, including leaders of several Global operators and industrials , to discuss some key challenges on: "Trends on ubiquitous networking 2010-2015" in addition to the technical sessions.

Important Dates :

May 15 th 2006	Paper Submission
June 15 th 2006	Notification of acceptance
July 10 th 2006	Submission camera ready papers
Sept 20 th 2006	Workshop

