
3rd IEEE WORKSHOP ON BROADBAND WIRELESS ACCESS

<http://ieee-bwaws.nginet.de/ICC2008>

co-located with

The 2008 IEEE International Conference on Communications (ICC 2008)
held in Beijing, China, from 19-23 May, the year of the Beijing Olympic Games
<http://www.ieee-icc.org/2008>

AIMS AND TOPICS

Internet access is undergoing a fundamental change. A steadily increasing spectrum of services is attracting a rapidly growing number of users which, in turn, wish to access these services 'anytime and anywhere'. In order to meet this demand, Broadband Wireless Access (BWA) technologies are becoming extremely important and vendors and standardisation bodies respond to this development with new and powerful BWA technologies. Supporting transmission rates up to several megabits per second at distances far as tens of kilometres while providing full mobility support, these technologies provide the long-awaited means for delivering any telecommunication service over the Internet.

Although BWA technologies are rapidly maturing, they are far from being complete and optimised for such a versatile environment like the Internet. Consequently, BWA is currently receiving much attention by the research community. By organising this 3rd IEEE BWA Workshop, it is our intention to bring together and provide an international forum for this research community. In this line, the workshop programme covers various aspects of these technologies including but not limited to:

- Wireless Metropolitan Area Networks
- Cellular broadband technologies, UMTS, HSPA, LTE, etc.
- Incumbent and Future BWA Technologies, 802.16x, 802.20, etc
- QoS in Mobile and BWA Networks
- Intercell Interference Coordination, Power Control and Load Balancing
- Radio Resource Management, Admission Control and Scheduling
- Capacity Planning and Traffic Engineering
- Physical and Data Link Layer Issues
- Characterization, Modeling of BWA Traffic, Mobility and Channels
- Large-scale and Heterogeneous BWA Evaluations
- Spectrum Management
- Interoperability Aspects (fixed/mobile LANs/MANs, WANs)
- Vertical and Horizontal Integration
- Micro and Macromobility Management
- Cross-layer Optimisation Approaches
- Experimental Evaluation of Cross-layer Interactions
- Network Management, Self-optimizing Networks
- (W)NGN Architectures and Trends
- Multihop, relaying and repeater architectures
- Design and Evaluation of Testbeds
- Multi-access Systems, Always Best Connected Networks, etc.
- Radio Resource Management and Optimisation of MIMO systems
- Experiences/lessons from recent deployments

PAPER SUBMISSION

Submitted papers must represent original material that is not currently under review in any other conference or journal, and has not been previously published. Paper length should not exceed five-page technical paper manuscript. Please see the Author Information page for submission guidelines in the ICC 2008 website. The paper should be used as the basis for a 20-30 minute workshop presentation.

Papers should be submitted in a .pdf or .ps format by selecting ICC 2008 at the EDAS paper submission website EDAS and then selecting the workshop submission link.

A separate cover sheet should show the title of the paper, the author(s) name(s) and affiliation(s), and the address (including e-mail, telephone, and fax) to which the correspondence should be sent.

All submitted papers will be reviewed by up to three experts and if accepted, published in the conference proceedings, which will be available at IEEEeXplore and registered in Engineering Index (EI).

At least one author of accepted papers is required to register at the full registration rate.

IMPORTANT DATES

Submission deadline:	Dec 20 2007
Acceptance notification:	Jan 31 2008
Camera ready:	Feb 28 2008

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