

WICON 2010

International Wireless Internet Conference



March 1-3, 2010, Singapore

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CALL FOR PAPERS

The 5th Annual International Wireless Internet Conference (WICON 2010)

The Holiday Inn Atrium, Singapore

<http://www.wicon.org>

Wireless Internet is quickly emerging as a reality, thanks to the fast evolution of many wireless access technologies. Convergence of heterogeneous wireless networks and the next generation Internet further brings wireless Internet into a variety of application scenarios which provide mobile users with a wide range of highly demanding services, such as high speed data and real-time multimedia delivery. On the other hand, it is of critical importance to obtain a fundamental understanding of wireless Internet architectures and explore new services and solutions in order to achieve the ultimate goal of wireless Internet access anytime anywhere.

The Wireless Internet Conference (WICON) will continue to serve as a premier international forum to discuss novel research results related to the emerging Wireless Internet. WICON 2010 is soliciting both academic research and industry practice papers. Papers solicited in the WICON 2010 can be divided into FOUR tracks, PHY, MAC, Network and Service/Application tracks, and span a wide range of areas of interest including but not limited to:

1. Seamless Integration of Heterogeneous Networks
 - Convergence and interworking of heterogeneous wireless networks
 - Vertical handoff and seamless roaming
 - Mobile P2P networking, systems, and applications
 - Next generation Internet services and applications
2. Cross-layer Design and Optimization
 - Clean-slate wireless Internet architecture
 - Interaction among PHY/MAC, routing, and congestion control
 - PHY-aware wireless scheduling
 - QoS provisioning of Multimedia wireless networks
3. Wireless Access Technologies
 - Multiple access technology (OFDMA, CDMA, and TDMA)
 - WLANs, WiMAX, satellite, 3G and Beyond
 - QoS management and traffic modeling
 - Algorithm design and performance analysis
4. Multi-hop Wireless Networks
 - Wireless sensor networks
 - Mobile ad hoc networks
 - Wireless mesh networks
 - Cooperative and relay networks
5. Emerging Technologies and Applications
 - Vehicular ad hoc networks (VANET)
 - Cognitive radio networks
 - Bio-inspired networks
 - Context-aware mobile networking
 - Wireless body area networks (WBANs)
 - Tele-medicine/e-health networks
6. Network Security
 - Architectural support for security
 - Security, privacy, and dependability issues
 - Security in cooperative networks
7. Wireless Internet Platforms and Software
 - Testbeds and simulation tools
 - Middleware, operating system, and programming languages
 - Experimental measurements



Submission Instructions

Papers will be submitted by electronic submission through ASSYST: <http://assyst-online.org:8080/submission/welcome.do>. The authors are advised to submit each paper to one of the FOUR tracks in the web according to the topics addressed in the paper. The page length limit is 9 pages in IEEE double column format with font size not smaller than 9 points. If you have problems in accessing the ASSYST system, please contact the **Conference Coordinator** (Maria Morozova) at: maria.morozova@icst.org. Detailed Instructions for ASSYST submission can be found from:

<http://manual.icst.org/uploads/Submission%20instructions/Submission%20instructions%20ASSYST%2027012009.doc>

Invited Papers

WICON 2010 will include a number of invited papers from distinguished researchers with impressive outcomes on various advanced research topics or cutting-edge techniques.

Publication

Accepted papers will be published in the IEEE/ACM (pending) International Conference Proceedings Series and will be made available in IEEE/ACM (pending) Digital Library, as well as indexed by EI. Selected papers will be published on a special issue of **ACM/Springer MOBILE NETWORKS AND APPLICATIONS (MONET)** journal.

B2B Event

An industry B2B event will be co-located with WICON 2010. The B2B event will include invited talks by industry/technology leaders, business and product presentations, as well as exhibitions and demos.

Important Dates

Paper submission due: **July 31, 2009**
Notification date: **September 24, 2009**
Camera-ready due: **October 15, 2009**
Workshop/Tutorial proposal due: **July 1, 2009**
Notification date: **July 31, 2009**
Panel proposal due: **September 1, 2009**
Notification date: **September 15, 2009**

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