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WICON 2007 Call for Papers

**The Third Annual International Wireless Internet Conference
Austin, Texas, USA, October 22-24, 2007**



<http://www.wicon.org>

Wireless Internet is quickly becoming a reality thanks to fast evolution of various wireless access technologies. Convergence of heterogeneous wireless networks, enabled by interworking and wireless mesh networking technologies, further brings wireless Internet into various application scenarios. On the other hand, new wireless Internet architectures, services, and solutions are still desired in order to achieve the ultimate goal of wireless Internet access anytime anywhere.

The Wireless Internet Conference (WICON) will continue to provide a premier international forum to discuss novel research results related to the emerging Wireless Internet. The focus of WICON 2007 will be on advanced wireless access technologies, wireless mesh networks, interworking of heterogeneous networks, next generation wireless Internet, and industrial practice methodology. Given the existence of many other conferences on mobile ad hoc networks and sensor networks, papers that are oriented to these networks are discouraged unless they directly focus on the conference theme of the Wireless Internet.

WICON 2007 is soliciting both academic research and industry practice papers. Industry practice papers must have at least one author from industry and should describe interesting technical aspects of industrial applications, prototypes, experiences, and standards; performance and design details are encouraged, whereas papers focused on marketing or product information will not be accepted. Topics of interest include, but are not limited to, the following:

Wireless access technologies

- Wireless LANs, WiMedia, WiMAX, Bluetooth
- 3G and 4G cellular networks

Wireless multi-hop mesh networks

- New mesh network architecture
- WiFi, UWB, Bluetooth wireless mesh networks
- Scalable MAC and routing protocols
- Multi-radio and multi-channel mesh networks
- QoS, security, and mobility management

Convergence of various wireless technologies

- Roaming, Interworking, and UMA
- Cognitive radios and programmable radios for wireless Internet
- Adaptive transport layer protocols

Testbed and measurements

- Protocol design, implementation, and testbed setup of wireless Internet
- Measurement of wireless Internet and performance analysis

Next generation wireless Internet

- Novel wireless Internet architecture
- New services and applications
- New algorithms for scalable, reliable, and high speed wireless Internet

In cooperation with ACM SIGMOBILE and technically sponsored by EURASIP, accepted papers will be published in the ACM International Conference Proceedings Series and will be made available in ACM Digital Library, as well as indexed by EI and ISI. Selected papers will be published on a special issue of ACM MOBILE NETWORKS AND APPLICATIONS. Please visit <http://www.springer.com/journal/11036> and click on "CFP-Advances in Wireless Mesh Networks" for more details.

SUBMISSION INSTRUCTIONS: Papers will be submitted by electronic submission through COCUS system: <http://cocus.create-net.org>. The page limit is 10 pages for regular and 5 pages for work-in-progress papers in ACM double column format with fonts not smaller than 10 points. Please see the important dates below:

Paper submission due	Extended: June 10 (00:00 CET), 2007
Notification of acceptance	July 22, 2007
Camera ready paper due	September 1, 2007

WORKSHOPS: Proposals for workshops should be submitted to the Workshop Chair directly at vry@cs.yale.edu. Evaluation of workshop proposals will be based on the expertise and experience of the instructors, and on the relevance of the subject matter.

PANELS: Proposals for panel discussions that focus on the next generation wireless Internet are encouraged. Potential panel organizers should submit a panel proposal to the Panel Chair directly at sujata.banerjee@hp.com.

Posters/Demos: The conference will include a poster/demo session that highlights experiments and testbeds that demonstrate the successful implementation of recent or on-going research work. Please contact Poster/Demo Chair directly at shakkott@ece.utexas.edu.