

WirelessCom 2005

Sheraton Maui Resort, Kaanapali Beach, Maui, Hawaii, USA

<http://www.sheraton-maui.com/>

June 13-16, 2005

Technical Co-Sponsorship: IEEE TCCC, TCPC, SSCTC

Financial Sponsorship: IBM—USA and NTT DoCoMo—Japan

Theme, Scope, and Venue

WirelessCom 2005 will be held in the Sheraton Maui Resort, Maui, Hawaii, June 13-16, 2005. The theme for WirelessCom 2005 is “Wireless and Mobile Technologies for the Next Generation.” WirelessCom 2005 covers timely as well as emerging topics pertaining to wireless networks, communications, and mobile computing. Through addressing the current consumer demands of deploying efficient heterogeneous wireless and mobile networks, supporting ongoing standardization activities, its devotion to futuristic wireless systems, architectures, and algorithms, as well as the active participation and leadership of researchers and practitioners from the industry and academia from all around the world, WirelessCom is destined to become the world’s premier and flagship conference in the area of wireless networks, communications, and mobile computing. Join this cutting-edge event and contribute to shaping the future of wireless networks, communications, and mobile computing!

WirelessCom’s venue offers numerous amenities for the whole family. Maui has been voted 11 times in a row as the "Best Island in the World" by CondeNaste travelers. The spectacular Sheraton Maui Resort with its 23 oceanfront acres is a favorite tourist, family, and honeymoon attraction. Please check out the Sheraton Maui Resort’s live Web cam at <http://hawaii.live.sheraton-hawaii.com/sm-cam.cfm>.

Important Dates

Paper Submission Deadline: March 15, 2005

Notification of Acceptance: April 15, 2005

Camera-Ready Papers: May 1, 2005

General Chairs

Ahmed M. Safwat, Queen’s University, safwat@ee.queensu.ca

Mohsen Guizani, Western Michigan University, mguizani@cs.wmich.edu

Vice General Chairs

Chekib Akrouf, Vice President, IBM Research, cakrouf@us.ibm.com

Mamoru Sawahashi, Director, NTT DoCoMo, sawahasi@mlab.yrp.nttdocomo.co.jp

Technical Program Chairs

Sherman Shen, North/Latin America, University of Waterloo, xshen@bcr.uwaterloo.ca

Abbas Jamalipour, Asia/Pacific Rim, University of Sydney, a.jamalipour@ieee.org

Marco Chiani, Europe/Africa/Middle East, University of Bologna, mchiani@deis.unibo.it

Publicity Chairs

Li Shang, Queen's University, lshang@ee.queensu.ca

Xi Zhang, Texas A&M University, xizhang@ee.tamu.edu

Intended Audience

Anyone involved with, or interested in, research and development, design and modeling, performance evaluation, standardization, management, or operations, as well as manufacturers, vendors, and suppliers of wireless network equipment and software, will be intrigued by WirelessCom's comprehensiveness as well as highest quality publications and presentations. Simply, WirelessCom will address all the timely technical needs of industry and academia.

General Conference and Symposia

Original papers are solicited and must represent high-quality and previously unpublished work, not currently under review by another conference or journal. All papers are limited to 6 pages and must be in standard IEEE double-column format. All submissions will be handled electronically: msrcmt.research.microsoft.com/WirelessCom2005. WirelessCom 2005 features symposia complementing the topics covered by the General Conference:

- 3G and Beyond Wireless Networks and Communications
- Ad hoc Networks
- Advanced Wireless Networks
- Broadband Fiber-Fed Wireless
- Communication Theory
- Cooperative Networks
- Cross-Layer Design
- Emerging Networks, Technologies and Standards
- Heterogeneous Wireless Networks
- Home Networks and Communications
- Information Theory
- Interference Cancellation for Wireless Mobile Radio Systems
- IP Mobility
- Medium Access
- MIMO Systems
- Mobile Collaboration
- Mobile Computing
- Mobile Database Access and Design
- Multimedia over Wireless
- Network Management
- Network Security and Assurance
- Next-Generation Networks and Communications
- Performance Evaluation and Modeling
- Personal Networks and Communications
- Pervasive Computing
- Radio Resource Management
- Recent Results
- Signal Processing
- Traffic Modeling and Analysis
- Transport Layer Protocols
- Ultra-Wide Band Communications and Networking
- Wireless and Mobile Commerce
- Wireless IP
- Wireless LANs and PANs
- Wireless Networking
- Wireless Protocol Engineering
- Wireless QoS
- Wireless Sensor Networks
- Wireless Systems Adaptation

WirelessCom 2005 will also include workshops, tutorials, plenary sessions and keynote speeches. Regular and student paper awards exemplifying the highest standards in contribution and exposition will be honored. Best papers will be published in special issues of premier journals. For further information about WirelessCom 2005, visit: <http://www.ece.queensu.ca/hpages/faculty/safwat/wirelesscom/05/>.