

IEEE WCNC 2003

IEEE WCNC 2003, the IEEE Wireless Communications and Networking Conference, will be held at the Ernest N. Morial Convention Center in New Orleans from 16 to 20 March. This global conference will offer comprehensive interaction on wireless industry topics under the general theme, "the dawn of pervasive communication." It will address both research and business aspects of this fast-changing field in dozens of tutorials, panels, application sessions, and sessions for technical papers.

WCNC 2003 is the flagship wireless conference of the IEEE Communications Society, one of the largest societies within the Institute of Electrical and Electronic Engineers (IEEE). It will be colocated with the Cellular Telephone & Internet Association's (CTIA) WIRELESS 2003. The collaboration with CTIA WIRELESS 2003 gives those attending WCNC 2003 added opportunities to assess the latest commercial developments in wireless technology. The business application sessions scheduled will deal with how to select and deploy evolving communication technologies. They will consider topics ranging from local wireless roaming and wireless network security to opportunities for customers, carriers, and application and infrastructure providers.

The tutorials on the program include those on mobile commerce, traffic engineering for 3G/WLAN networks, wireless mobile Internet, smart antennas, mobile VPN, and the basics of wireless and mobile systems. The technology panels will also cover a wide range of topics, for example, software-defined radio, progressing from 3G to 4G systems, communication regulations, the security and privacy implications of wireless networks, spectrum management for future mobile technologies, and enterprise wireless LAN architectures. WCNC 2003 features an expanded program of more than 370 technical papers in three major categories – physical layer, wireless services and networks. The papers span all major areas of wireless and mobile communications, including global roaming, broadband wireless solutions, spectrum and regulatory issues, wireless LANs, WANs and home networks, ultra-wide band, quality of service, and much more.

Two keynote speeches will be given: "The Future of Mobile Communications" by Keiji Tachikawa, WCNC 2003 General Chair and President and CEO, NTT DoCoMo and "Wireless Networking: Opportunities and Challenges" by Richard D. Gitlin, Vice President, NEC Labs America.

CTIA WIRELESS 2003 (www.ctiashow.com) brings together all industries touched by wireless. It includes the traditional wireless and computing audiences of service providers, carriers, manufacturers and application developers, as well as wireless users in healthcare, government, the military, automotive and other industries. The IEEE Communications Society has 55,000 members and is the second largest of IEEE's 37 technical societies. Founded in 1952, it has become the major international forum for the exchange of ideas on communications and information networking. For more information on WCNC 2003, contact: Debora Kingston, IEEE Communications Society, 305 East 47th St., New York, NY 10017. E-mail: d.kingston@comsoc.org. Phone: (212) 705-8942. Or visit: www.wcnc.org.

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