7TH IEEE WIRELESS AND MICROWAVE TECHNOLOGY CONFERENCE
APRIL 7-8, 2005
MARRIOTT SUITES RESORT, CLEARWATER BEACH, FL

The 7th annual IEEE Wireless and Microwave Technology (WAMI) Conference will be held on beautiful Sand Key Beach in Clearwater, FL on April 7-8 2005. http://www.wamicon.org for "Call for papers" and "Call for Sponsors" plus registration Information and hotel Information. Early registration and special hotel pricing ends March 6, 2005.

The conference will address up-to-date multidisciplinary research needs and interdisciplinary aspects of wireless and RF technology. The program includes oral presentations, poster presentations, and tutorials.

Prospective authors are invited to submit original and high-quality paper summaries for presentation at the WAMI conference and for publication in its Conference Record. The technical program will cover wireless communication systems and RF technologies.

Topics of interest include (but are not limited to):

*Next Generation (3G/4G) wireless communication systems
*802.11/HiperLAN2 Wireless LAN Systems (OFDM and multi-carrier)
*Bluetooth/Personal Area Networks (PAN)/Wide Area Networks (WAN)
*Spread spectrum wireless systems
*Smart antennas, adaptive antenna arrays, MIMO, and space-time processing
*Software Radio and Emerging Technologies
*Ultrawideband (UWB) Communication: Applications, system and RF issues
*Wireless Sensors Networks and Ad Hoc Networks
*Telemetry and telemedicine application of wireless devices and systems
*Advanced propagation modeling and sounding of communication channels
*Integration of the physical layer technologies with other layers
*System Architecture, Integration and Convergence Issues
*System Level Design, Modeling, and Simulation
*RF channel characterization and modeling
*Front-end subsystems; Low-Power RFIC and System-On-Chip Solutions
*Power Amplifiers, Linearization and Active Components, incl. NL transistor modeling
*Advanced wireless and microwave circuit design and packaging, including RF MEMS
*Base station and handheld antenna technologies, design and measurement

Submission Instructions: Authors are asked to submit an extended abstract (maximum 2 pages) electronically to arslan@eng.usf.edu. The preferred file formats are PDF and MS Word. Submissions will be evaluated for originality, significance of the work, technical soundness, and interest to a wide audience. Proposals for 2-3 hour tutorial seminars are also invited.

**Important Dates: Extended Abstracts Due: December 15th
Author Notifications: January 15th - - Final Papers Due: February 15th**