

CALL FOR PAPERS

INTERNATIONAL CONFERENCE ON CUTTING EDGE WIRELESS AND IT TECHNOLOGIES

STONY BROOK UNIVERSITY

January 18, 2007

This conference, organized by the Center of Excellence in Wireless and Information Technology (CEWIT), at Stony Brook University is 4th in its technical series. Previous conferences attracted many participants from the academic and business communities and the feedback received was extremely positive. The Center is a 250 million dollar government/industry/academic partnership to lead the next wave of the wireless and information technology revolution. The Center partners include some of the world's best technology companies and research institutions. The conference provides a platform for leading academic and business institutions to explore collaboratively new technologies and their business potential.

Possible paper topics for this year's conference include (but are not limited to):

- Current standards (WiFi – 802.11 b/g/a, 3G, VSAT, etc.)
- Emerging Standards (Mobile WiMax-802.16e, 802.16 mesh, 802.11n, 4G, etc.)
- Wireless solutions/applications (e.g., RTLS, global roaming between heterogeneous networks, interoperability, mobile content, wireless security, RFID networks, mobile VoIP)
- Pervasive and wearable computing, mobile devices
- Mesh networks (topology, performance analysis, validation, architecture, etc.)
- Smart Antennas (e.g., adaptive arrays, DAS, MIMO, etc.)
- Next generation internet, wireless internet, and location sensitive Internet
- QoS management and provisioning, security
- Cross-layer design and optimization
- Protocols (transport, signaling, access)
- Digital home technologies (e.g., audio/video streaming, VoIP, security/control, etc.)
- Industry solutions and applications, case studies.

Submit an abstract of no more than 500 words (Times New Roman 12) with paper title, authors' names, affiliations, postal address, phone, fax and e-mail address with five key words. Abstract should state the objective and summarize the methodology and key findings of the work. The abstract will be reviewed by the conference Program Committee. Submit all proposals as e-mail attachments (Microsoft Word or PDF) to: CEWIT@notes.cc.sunysb.edu

Program Chair: Dr. Jacob Sharony
Tel: 631-632-8629
Fax: 631-632-8205

Abstract Submission: October 15, 2006
Acceptance Notification: November 15, 2006