SUNDAY 13 MARCH 2005

9:00-17:30

T1: Software Radio Implementation for MIMO/OFDM High-Speed Wireless LANs with Space-Time Coding and BLAST Technologies (Room 203)
T2: Space-Time Coding (Room 204)
T3: The ABC's of Error Correction Coding: An Intuitive Approach (Room 205)
T4: Overview of the 3GPP IMS / 3GPP2 MMD Principles, Architecture and Protocols (Room 207)
T5: A-T of IEEE 802.11 Wireless LAN Protocols — An In-Depth Look at The Current Standard and Upcoming Future Amendments (Room 211)
T6: Wireless Networking and Mobile Systems: Principles and Practice (Room 212)

12:30-14:00 Lunch on own

MONDAY 14 MARCH 2005

9:00-12:30

T7: Heterogeneous Wireless IP Networks Architectures and Requirements (Room 203)
T8: Infrastructure-Based Wireless Multihop, Relay, Mesh Networks (Room 204)
T9: Resource Allocation and Quality of Service for High Speed Wireless Data Networks (Room 205)
T10: Ultra Wide Band Radio in Distributed Wireless Networks (Room 207)
T11: Ultra Wide Bandwidth System (Room 211)
T12: CDMA2000 — 1xEV-DV (Room 212)

CTIA WIRELESS 2005 Keynote 9:00-10:30 Hall-H

CTIA WIRELESS 2005 Exhibit Floor Open 10:30-17:00 Halls A-H

14:00-15:30 Opening Keynote: Andy Mattes, President and CEO, Siemens Communications, Inc., USA. Topic: "Convergence of the Internet and Wireless Worlds" (Room 208-210)

15:30-16:00 Networking Break

	Room 201	Room 202	Room 203	Room 204	Room 205	Room 206	Room 207	Room 211	Room 212	Room 213	Room 215	Room 208-210
16:00-17:30	NET27: Sensor Network: Node Placement and Localization	NET28: Sensor Network: Energy Efficiency 1	NET11: Wireless Metropolitan Area Networks	NET05: Radio Resource Management	NET40: MANET Multicast Routing	SA01: Mobile Ad Hoc Networks	PHY34: UWB I	PHY08: CDMA Link Design	PHY14: CDMA Systems	PHY18: MIMO Systems I	PHY40: Communication Systems Performance Analysis I	P6: IMS Platforms and Services Update

18:00-20:00 WCNC 2005 Welcome Reception, sponsored by Siemens Communications. Buses for Welcome Reception: meet by the IEEE Communications Society table in WCNC Session area from 17:30 - 18:00. You will be walked in groups to the buses.

TUESDAY 15 MARCH 2005

	Room 201	Room 202	Room 203	Room 204	Room 205	Room 206	Room 207	Room 211	Room 212	Room 213	Room 215	Room 208-210
9:00-10:30	NET22: Cellular Network Engineering	NET29: Sensor Network: Energy Efficiency 2	NET37: MANET Key Management	NET03: Call Admission Control	NET09: IP Mobility	SA02: Network Architecture Design	PHY01: MIMO-OFDM Signal Processing	PHY11: CDMA II	PHY04: 802.11 MAC I	PHY19: MIMO Systems II	PHY41: Communication Systems Performance Analysis II	P4: Evolution of 3G Systems: UMTS and CDMA2000

10:30-11:00 Networking Break

11:00-12:30 Plenary 1: H. Vincent Poor, George Van Ness Lothrop Professor in Engineering Princeton University, USA. Topic: "Signal Processing and the Efficiency of Wireless Networks" (Room 208 - 210)

12:30-14:00 Lunch on own

14:00-15:30	NET17: Real-time Traffic over WLAN	NET32: MANET Routing 1	NET38: MANET Security	NET04: Cellular Network Performance	NET10: IPv6 Mobility	SA03: Wireless LAN	PHY53: Wireless Security	PHY09: CDMA I	PHY05: 802.11 MAC II	PHY20: MIMO Systems III	PHY47: Coding Principles I	P3: Convergence of Services and its Impact on Wireless Operator Business Models and Infrastructure

15:30-16:00 Networking Break

16:00-17:30	NET18: WLAN Performance	NET35: MANET Routing 4	NET36: MANET Power Efficient	NET20: Experimental Evaluations	NET19: Mobility Models and Effects	SA04: Sensor Networks	PHY53: Wireless Security	PHY10: CDMA II	PHY06: 802.11 MAC III	PHY21: MIMO Coding I	PHY48: Coding Principles II	P8: The Leading-edge "Keitai" Appli-cations:

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WEDNESDAY 16 MARCH 2005

	Room 201	Room 202	Room 203	Room 204	Room 205	Room 206	Room 207	Room 211	Room 212	Room 213	Room 215	Room 208-210
9:00-10:30	NET23: End-to-end Performance	NET33: MANET Routing 2	NET39: MANET Fairness	NET02: Quality of Service	SA07: Service Accountability	SA05: Traffic Engineering	PHY35: UWB II	PHY12: CDMA IV	PHY28: Ad-Hoc Networks I	PHY22: MIMO Coding II	PHY43: Communication Systems Performance Analysis III	P5: Wireless Profit Opportunities in Text Messaging — Get the message: How Wireless SPs Can Profit from Text Usage
10:30-11:00	Networking Break											
11:00-12:30	Executive Panel: Cognitive Radio and Spectrum Sharing Chair: Ahmad Bahai, CTO & Fellow, National Semiconductor, USA (Room 208 - 210)											
12:30-14:00	Lunch on own											
14:00-15:30	NET15: Multihop and Ad Hoc WLANs	NET08: Handoff Management	NET12: Satellite Networks	NET24: Wireless Network Performance 1	SA06: Network Architecture Design	PHY26: Wireless Circuits I	PHY16: 3G Networks I	PHY13: Multiuser DS-CDMA	PHY29: Ad-Hoc Networks II	PHY23: MIMO Coding III	PHY49: Communication Theory I	P2: WiMAX Facts and Fiction
15:30-16:00	Networking Break											
16:00-17:30	NET16: Mobility over WLANs/WLAN Deployment	NET26: Sensor Network Protocols	NET41: MANET Cross-Layer Design	NET06: Multimedia over Wireless Networks	SA08: Cellular System Services	PHY27: Wireless Circuits II	PHY17: 3G Networks II	PHY15: Iterative Multiuser Receivers	PHY30: Sensor Networks	PHY24: MIMO Transceiver Designs I	PHY50: Communication Theory II	P7: Effective use of RFID and Wireless Sensor Networks
18:00-19:30	Networking Reception sponsored by Verizon Wireless. Location information is available in the WCNC Area.											

THURSDAY 17 MARCH 2005

	Room 201	Room 202	Room 203	Room 204	Room 205	Room 206	Room 207	Room 211	Room 212	Room 213	Room 215	Room 208-210
9:00-10:30	NET21: Cellular WLAN Interworking	NET34: MANET Routing 3	NET42: MANET Connectivity	NET07: Location Management and Paging	SA09: Personal and Indoor Services	PHY51: 4G Wireless Networks Concepts	PHY36: UWB III	PHY44: Multiuser Communications I	PHY07: Wireless Transmission Enhancements	PHY25: MIMO Transceiver Designs II	PHY42: Wireless Channel Models	P9: New Technologies, Open Standards, License-Free Spectrum; Who if Anybody is Going to Make Money in the Short Run and Who Benefits in the Long Run?
10:30-11:00	Networking Break											
11:00-12:30	Plenary 2: Mario Gerla, Professor, Computer Science Department, University of California Los Angeles, USA. Topic: "Ad Hoc Networks: from large scale challenges to opportunistic vehicle grids"											
12:30-14:00	Lunch on own											
14:00-15:30	NET13: TCP over Wireless	NET30: Sensor Network: Security	NET43: MANET Service Provisioning	NET01: Scheduling	SA10: Mobile Ad Hoc Networks	PHY33: Coexistence & Spectrum Utilization	PHY38: Diversity I	PHY45: Multiuser Communications II	PHY31: Wireless MAC Protocols	PHY02: OFDM I	PHY52: Wireless Network Optimization	
15:30-16:00	Networking Break											
16:00-17:30	NET14: Wireless Network Securit	NET31: Sensor Network Design	NET44: MANET Architecture and Performance	NET25: Wireless Network Performance 2	SA11: Location and Mobility Tracking	PHY37: Communications Signal Processing	PHY39: Diversity II	PHY46: I Multiuser Communications III	PHY32: Wireless MAC Analysis	PHY03: OFDM II		