

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

	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
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

	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	NET18: MANET 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" Applications

15:30-16:00

Networking Break

16:00-17:30

NET18:
WLAN
PerformanceNET35:
MANET
Routing 4NET36:
MANET Power
Efficient
BroadcastingNET20:
Experimental
EvaluationsNET19:
Mobility Models
and EffectsSA04:
Sensor NetworksPHY53:
Wireless SecurityPHY10:
CDMA IIPHY06:
802.11 MAC IIIPHY21:
MIMO Coding IPHY48:
Coding Principles
IIP8:
The Leading-edge
"Keitai" Appli-cations:
Changing Life Styles

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
PerformanceNET33:
MANET Routing
2NET39:
MANET FairnessNET02:
Quality of ServiceSA07:
Service
AccountabilitySA05:
Traffic
EngineeringPHY35:
UWB IIPHY12:
CDMA IVPHY28:
Ad-Hoc Networks
IPHY22:
MIMO Coding IIPHY43:
Communication
Systems
Performance
Analysis IIIP5: 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 WLANsNET08:
Handoff
ManagementNET12:
Satellite NetworksNET24:
Wireless Network
Performance 1SA06:
Network
Architecture
DesignPHY26:
Wireless
Circuits IPHY16:
3G Networks IPHY13: Multiuser
DS-CDMAPHY29:
Ad-Hoc Networks
IIPHY23:
MIMO Coding IIIPHY49:
Communication
Theory IP2:
WiMAX Facts and
Fiction

15:30-16:00

Networking Break

16:00-17:30

NET16:
Mobility over
WLANs/WLAN
DeploymentNET26:
Sensor Network
ProtocolsNET41:
MANET Cross-
Layer DesignNET06:
Multimedia over
Wireless NetworksSA08:
Cellular System
ServicesPHY27:
Wireless Circuits
IIPHY17:
3G Networks IIPHY15:
Iterative Multiuser
ReceiversPHY30:
Sensor NetworksPHY24:
MIMO Transceiver
Designs IPHY50:
Communication
Theory IIP7:
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
InterworkingNET34:
MANET Routing 3NET42:
MANET
ConnectivityNET07:
Location
Management and
PagingSA09:
Personal and
Indoor ServicesPHY51:
4G Wireless
Networks
ConceptsPHY36:
UWB IIIPHY44: Multiuser
Communications IPHY07:
Wireless
Transmission
EnhancementsPHY25:
MIMO Transceiver
Designs IIPHY42:
Wireless Channel
ModelsP9: 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 WirelessNET30:
Sensor Network:
SecurityNET43:
MANET Service
ProvisioningNET01:
SchedulingSA10:
Mobile Ad Hoc
NetworksPHY33: Coexistence
& Spectrum
UtilizationPHY38:
Diversity IPHY45:
Multiuser
Communications IIPHY31:
Wireless MAC
ProtocolsPHY02:
OFDM IPHY52:
Wireless Network
Optimization

15:30-16:00

Networking Break

16:00-17:30

NET14:
Wireless Network
SecuritNET31:
Sensor Network
DesignNET44:
MANET
Architecture and
PerformanceNET25:
Wireless Network
Performance 2SA11:
Location and
Mobility TrackingPHY37:
Communications
Signal ProcessingPHY39:
Diversity IIPHY46: I
Multiuser
Communications
IIIPHY32:
Wireless MAC
AnalysisPHY03:
OFDM II