



## Program Schedule

2003 Wireless Networking Symposium  
October 22 – 24, 2003

The University of Texas at Austin  
Wireless Networking & Communications Group  
Thompson Conference Center, Austin, Texas USA

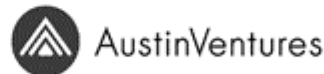
**ROAD RUNNER**  
**Business Class**  
Experience Broadband™



**metrowerks**



**Vinson & Elkins**  
Vinson & Elkins L.L.P.



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TheThompsonGroup

TELECOMMUNICATIONS

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austin wireless alliance





# 2003 Wireless Networking Symposium

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October 22 – 24, 2003

## Wednesday, October 22, 2003

<b>RECEPTION, ETTER-HARBIN ALUMNI CENTER, UT CAMPUS</b>	<b>6:00 pm – 10:00 pm</b>
Registration	6:00 pm – 9:00 pm
Cocktail Reception (attire is business casual)	6:00 pm – 7:30 pm
<b>PANEL DISCUSSION:</b>	7:30 pm – 9:00 pm
<u>"Titans of the Wireless Industry: What Happens Next?"</u>	
Bob Hewes, Texas Instruments, Texas	
Michael Marcus, FCC, Washington, D.C.	
Raj Singh, LCC International, Telcom Ventures, and XM Satellite Radio, Virginia	
Greg Staple, Vinson & Elkins, Washington D.C.	
Mihir Ravel, National Instruments, Texas (moderator)	

## Thursday, October 23, 2003 -- LBJ Auditorium, UT Campus

<b>Registration, LBJ Auditorium</b>	<b>7:30 am – 2:00 pm</b>
Welcome & Opening Remarks:	8:30 am – 8:45 am
Ted Rappaport, Director, WNCG	
Robert W. Heath, Jr., Technical Program Chair	
<b>PANEL DISCUSSION:</b>	8:45 am – 9:45 am
<u>"Broadband for the Last Mile: Who Will Win?"</u>	
Sergio Aguirre, Verizon Wireless, New Jersey	
Fred Chang, SBC Technology, Texas	
Murray Freeman, WiFi-Texas.com, Texas	
Dan Pike, GCI Cable, Texas	
Greg Staple, Vinson & Elkins, Washington, D.C.	
Mal Gurian, Mal Gurian Associates, Florida (moderator)	
<b>COFFEE BREAK &amp; POSTER SESSION (LBJ AUDITORIUM)</b>	<b>9:45 am – 10:15 am</b>
<b>PANEL DISCUSSION:</b>	10:15 am – 11:15 am
<u>"What the Smart Money Knows"</u>	
Rob Adams, Austin Ventures, Texas	
Steve Fredrick, Novak Biddle Venture Partners, Maryland	
Raj Singh, LCC International, Telcom Ventures, and XM Satellite Radio, Virginia	
Steve Vandegrift, Techxas Ventures, Texas (moderator)	
<b>PANEL DISCUSSION:</b>	11:15 am – 12:15 pm
<u>"Wireless Startups: The Promised Future"</u>	
David Altounian, Motion Computing, Texas	
Eric Broockman, Alereon Inc., Texas	
Guanghan Xu, Navini, Texas	
James Lansford, Mobilian Corporation, Oregon (moderator)	
<b>LUNCH (LBJ AUDITORIUM)</b>	<b>12:15 pm – 1:30 pm</b>
<b>PLENARY SESSION</b>	
Mihir Ravel, <i>Vice President of Technology &amp; Corporate Development</i> , National Instruments, Austin, TX	1:30 pm – 2:00 pm
"Accelerating the Development of Wireless Devices in a Converged World - Rapid Prototyping and Test"	

Berardino Baratta, *CTO*, Metrowerks, Austin, TX 2:00 pm – 2:30 pm  
“Software Applications for Future Wireless Appliances”

**COFFEE BREAK & POSTER SESSION (LBJ AUDITORIUM) 2:30 pm – 3:00 pm**

**PLENARY SESSION**

Don Shaver, *Director, Communications Systems Laboratory*,  
Texas Instruments, Dallas, TX 3:00 pm – 3:30 pm

“The Wireless Last Mile - When There’s a Will There’s a Way”

Jake MacLeod, *CTO*, Bechtel Telecoms, Frederick, MD 3:30 pm – 4:00 pm  
“Infrastructure Deployment Issues and Answers for the Great Wireless Buildout”

John B. Muleta *Chief*, Federal Communications Commission’s  
Wireless Telecommunications Bureau (WTB), Arlington, VA 4:00 pm – 4:30 pm  
“The Regulatory Landscape and the Advance of Wireless”

Vahid Tarokh, *Professor*, Harvard University, Cambridge, MA 4:30 pm – 5:00 pm  
“Complementary Beamforming for Wireless Networks”

**MUSEUM GALA DINNER, BOB BULLOCK TEXAS STATE HISTORY MUSEUM 6:30 pm – 10:00 pm**  
**featuring open museum exhibits and Sheriff J.B. Smith, Texas Lawman**  
**attire is business casual**

**Friday, October 24, 2003** -- LBJ Auditorium & Thompson Conference Center, UT Campus

**Registration, LBJ Auditorium 7:30 am – 9:00 am**

Opening Remarks: 8:30 am – 8:45 am  
Larry Faulkner, UT President  
Dean Ben Streetman, UT Dean of Engineering

**PLENARY SESSION**

Moe Win, *Professor*, MIT, Cambridge, MA 8:45 am – 9:15 am  
“Ultrawideband Technology - the Future of Consumer Electronics”

**COFFEE BREAK & EXTENDED POSTER SESSION 9:15 am – 10:00 am**

**FOUR (4) TECHNICAL SESSION TRACKS**  
**(All room numbers are located in the THOMPSON CONFERENCE CENTER)**

Room 1.126: Antenna Design 10:00 am – 11:45 am  
Room 2.110: Multi-User Communication 10:00 am – 11:45 am  
Room 3.110: Network Management & Simulation 10:00 am – 11:45 am  
Room 3.122: Space-Time Coding & Diversity 10:00 am – 11:45 am

**LUNCH (LBJ AUDITORIUM) 11:45 am – 1:15 pm**

Room 1.126: Propagation, Coverage, and Deployment 1:15 pm – 3:00 pm  
Room 2.110: Advanced Algorithms 1:15 pm – 3:00 pm  
Room 3.110: Network Modeling & Analysis 1:15 pm – 3:00 pm  
Room 3.122: MIMO Systems 1:15 pm – 3:00 pm

**COFFEE BREAK & POSTER SESSION (LBJ AUDITORIUM) 3:00 pm – 3:30 pm**

Room 1.126: Wireless Video / Sequence Design & Synchronization 3:30 pm – 5:00 pm  
Room 2.110: Algorithm Implementation 3:30 pm – 5:00 pm  
Room 3.110: Network Measurement & Security 3:30 pm – 5:00 pm  
Room 3.122: OFDM & Ultra-Wideband 3:30 pm – 5:00 pm