

2007 Vodafone Symposium at Auburn University Program

All events will take place in the Auburn University Hotel and Conference Center (AUHCC) on the campus of Auburn University, unless otherwise noted.

Friday, 23 March

- 2:00-4:00 pm National Center for Asphalt Technology Tour¹
 Buzz Powell
 Track Manager, NCAT
- Zeb Whitehead
 Info Tech Specialist
- 5:00-6:00 pm Check-in and Registration (AUHCC Ballroom B)

Opening Session: (AUHCC Ballroom B)

- 6:00-6:15 pm Welcoming Remarks and Speaker Introduction
 Larry Benefield
 Dean, Samuel Ginn College of Engineering
 Auburn University
- 6:15-7:00 pm Guest Speaker: *Wireless Innovation in the Future Economy*
 Samuel Ginn
 Retired Chairman, Vodafone AirTouch
- 7:00-8:30 pm Reception and Cocktail Buffet (Prefunction Foyer)
 AU Student Poster Session

Saturday, 24 March

- 8:00-8:45 am Breakfast (AUHCC Ballroom A Left)

Morning Session: (AUHCC Ballroom B)

- 8:45-8:55 am Welcoming Remarks and Speaker Introduction
 Prathima Agrawal
 Director, WEREC and Samuel Ginn Professor of ECE
 Auburn University
- 8:55-9:40 am *Wireless Technology*
 Peters Suh
 Vodafone Americas Inc.
- 9:40-10:20 am *The Global Positioning System and its use for Control of Ground Vehicles*
 Dave Bevly
 Assistant Professor, Mechanical Engineering
 Auburn University
- 10:20-10:40 am Break

10:40-11:20 am *The Brave New World of Wireless Communication*
Ali Niknejad
Associate Professor, Electrical Engineering and Computer Science
University of California - Berkeley

11:20-12:00 pm *System-Theoretic Foundations for Wireless Sensor Networks*
Venu Veeravalli
Professor of Electrical and Computer Engineering
Research Professor, Coordinated Science Lab
University of Illinois at Urbana-Champaign

Lunch Session: (AUHCC Ballroom A-Left)

12:00-1:30 pm Lunch and Round Table Discussions
Chair: Richard Chapman
Associate Professor, Computer Science and Software Engineering
Auburn University

- Beyond 3G
- Business Issues
- Industry/Academia Collaboration Issues
- Low Power Design
- MEMS Design of RF Components
- Mobile Phone/WLAN Convergence
- Multimedia over Wireless
- RFIC Design
- Security Issues
- Wireless Educational Issues
- Wireless Sensor Nets

Afternoon Poster Sessions: Exhibit Rooms E, F, G

1:30-2:45 pm UCB Student Poster Session

2:45-3:00 pm Break

3:00-4:15 pm UIUC Student Poster Session

Afternoon Session: AUHCC Auditorium

4:15- 4:45pm *Wireless Internet and VOIP Service for a Remote Orphanage in Honduras*
Charles Ellis
Director, Microelectronics Lab
Auburn University

4:45-6:00 pm *Wireless Without Borders - Panel Discussion*
Chair: Richard Jaeger
Distinguished University Professor
Auburn University

- Dan Bochner, Sentinel Strategies
- Richard Chapman, Auburn University
- David Famolari, Telecordia
- Adrian Nemchek, Motorola
- Marion Lineberry, Texas Instruments

Dinner: Pavilion at Ag Heritage Park¹

- 6:30-9:30 pm Guest depart by bus to the Pavilion at Ag Heritage Park
- 7:00-9:00 pm Introduction
Prathima Agrawal
Keynote Speaker: *Broadband Wireless – Realizing a World Without Borders*
Anil Kripalani
Corporate Senior VP, Global Technology Affairs
Qualcomm Inc

Sunday, 25 March

Breakfast and Closing Session: (AUHCC Ballroom A-Left)

- 8:00-9:00 am Breakfast
- 9:00-9:15 am Poster Awards Presentation
June Sugiyama
Director, Vodafone Foundation
- 9:15-9:30 am Closing Remarks
Prathima Agrawal
- 9:30-9:45 am Overview and Final Remarks
June Sugiyama
- 9:55-12:00 pm National Center for Asphalt Technology Tour¹
Jennifer Still
Lab Technician, NCAT

Zeb Whitehead
Info Tech Specialist
- 10:00-12:00 pm Distribute Box Lunches and Hotel Check-out (Prefunction Foyer)
- 10:30 am Attendees depart by bus to the Atlanta Airport
UIUC Guests depart¹
- 2:00 pm Attendees depart by bus to the Atlanta Airport
UCB Guests depart¹

¹All buses will pick up and drop off at circle drive at the front of the hotel.