

2009 Symposium and Summer School on Wireless Communications June 3-5, 2009

ABSTRACT SUBMISSION - DEADLINE EXTENDED!!!

We are pleased to announce that the deadline for the submission of abstracts has been extended to **January 30, 2009**. Abstracts for oral presentations should describe original work and be limited to 500 words. Submit electronically to the conference coordinator at mprg@vt.edu. The following topics or related areas will be considered for presentation:

| | | |
|---------------------------|------------------------------|---------------------------------------|
| Antennas | Land Mobile Radio | RF Systems |
| Channel Measurements | MEMS | Satellite Systems |
| Channel Modeling | MIMO | Security |
| Cognitive Radio/Networks | Network Protocol Design | Sensor Networking |
| Collaborative Radio | Networking | Simulation Tools |
| Cross Layer Optimization | Position Location | Smart Antennas and Diversity Schemes |
| Femtocell Deployment | Radio Resource Management | Software Radio |
| Game Theory Analysis | Reconfigurable Computing | UWB |
| Hybrid Wireless Systems | RF Circuit Design | VLSI Implementation |
| Interference Cancellation | RF Material-Characterization | Wearable Computing and Communications |

Symposium information, including the author's kit, will be posted to the web site at www.wireless.vt.edu as plans are finalized. Be sure to register early as space will be limited. **Registration fees include admittance to all tutorials.**

Keynote Speakers

Mr. Neil Fox, DARPA
 Dr. Ted Rappaport, University of Texas, Austin
 Dr. John Treichler, Applied Signal Technology

Partial list of scheduled tutorials

Channel Coding for IEEE 802.16e Mobile WiMAX, Dr. Matt Valenti, West Virginia University
Cognitive Radio Networks for License-exempt Use of TV Spectrum: FCC Regulation, Technical Challenges, and Emerging Standards, Dr. Monisha Ghosh, Philips Research North America
Software Defined Radio, Dr. Carl Dietrich, Virginia Tech
Embedded Software Defined Radios: Design, Development, and Case Studies, Dr. Chris Anderson, US Naval Academy and Mr. Philip Balister, OpenSDR
FPGA Run-time Reconfiguration, Dr. Cameron Patterson, Virginia Tech
Reconfigurable Computing for Wireless Communication Systems, Dr. Elaheh Bozorgzadeh, U. of California, Irvine
Interference Excision Methods, Dr. Brian Agee, B3 Advanced Communication Systems & Virginia Tech
Independent Component Analysis for Wireless Communications, Dr. Scott Douglas, Southern Methodist University
Pushing the Limits: Information Theoretic Limits of Cognitive and Cooperative Communications, Dr. Natasha Devroye, U. of Illinois
Radiolocation in Cellular Networks, Dr. Greg Durgin, Georgia Tech
The Fundamentals of Backscatter Radio and RFID Systems, Dr. Joshua Griffin, Georgia Tech
Automatic Modulation Classification for Cognitive Radios, Dr. Tamal Bose, Virginia Tech

Important Deadlines

****EXTENDED**** - Abstracts due - **January 30, 2009**
 Notification of acceptance - **February 16, 2009**
 Camera-ready manuscripts due - **April 20, 2009**
 Author's registration deadline - **May 1, 2009**

General Co-Chairs

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