



IEEE Radio & Wireless Symposium

9 – 11 January 2007, Long Beach, CA

**Electronic
Submission Deadline:
5 July 2006
www.radiowireless.org**

Sponsored by the Microwave Theory and Techniques Society • Communications Society



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Second Call for Papers

The 2007 IEEE Radio and Wireless Symposium (RWS 2007) will be held in Long Beach, CA, on 9-11 January 2007 as part of the Radio Wireless Week technical event. In addition to oral presentations and posters, RWS 2007 includes workshops, panels, and a major exhibition. Others collocating in the event are the Topical Meeting on Silicon Monolithic Integrated Circuits in RF Systems (SiRF) and the IEEE Topical Workshop on Power Amplifiers for Wireless Communications (PA Workshop).

RWS 2007 sessions will highlight applications including (but not limited to):

- 3G/4G Wireless Communication including Emergency/Location Services
- 802.11/HiperLAN2 Wireless LAN Systems
- Software Defined Radio/Cognitive Radio and other Emerging Technologies
- 802.16/LMDS Broadband Fixed Wireless and Last-Mile Access Techniques
- Broadband Local and Personal Area Networks
- Wireless Sensors and Ad Hoc Networks
- Ultrawideband (UWB) Technologies
- Low-Power/Low Noise RF/Analog IC and System-On-Chip Solutions

Sessions will cover systems and enabling technologies in the areas of:

- System Architecture, Integration, and Convergence Issues
- Digital/Analog Adaptive/Collaborative Signal Processing
- System Level Design, Modeling, and Simulation
- MIMO/Space-Time Processing, Relaying Technology, and Smart Antennas
- Signal Generation/Power Amplification, Linearization, and Active Components
- Front-End Antennas/Subsystems and Passive Components
- Cross-Layer Design

Workshop Proposals

Proposals for workshop topics are solicited, and must be received by 4 June 2006. Details on the process and requirements can be found at www.radiowireless.org.

Paper Submission Instructions

Authors must submit a Summary (not more than 4 pages including figures) electronically using the www.radiowireless.org web page by **5 July 2006**. Authors can indicate their preference for oral or poster presentation format but the Technical Program Committee reserves the right regarding final presentation format decision. Please note that the only accepted file format is pdf.

Submissions will be evaluated for originality, significance of the work, technical soundness, and interest to a wide audience. Authors will be notified by 17 August 2006. Final manuscripts of accepted papers (4 pages in length) must be received by **24 October 2006** to be included in the published Proceedings.

Major Exhibition

RWS 2007 is part of Radio Wireless Week which also includes a major commercial exhibition of technologies and services for radio and wireless development. See www.horizonhouse.com for details.

