



# IEEE Radio & Wireless Symposium

incorporating WAMICON

22 - 24 January, 2008, Orlando, FL, USA

**Electronic  
Submission Deadline:  
13 July 2007  
www.radiowireless.org**

Sponsor: Microwave Theory and Techniques Society

Technical Co-Sponsor: Antennas and Propagation Society and Communications Society



## First Call For Papers



### General Chair

Aly E Fathy, *University of Tennessee*  
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### General Co-Chair

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*Harris GCSD RF/Microwave Engineering*

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### Workshop/Short Course Chair

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### Plenary/Focused/Special Session Co-Chairs

Arye Rosen, *Drexel University*  
Mohammad Madhjian,  
*NEC Laboratories America*

### Poster Sessions Co-Chairs

Jenshan Lin, *University of Florida*  
Clemens Ruppel, *EPCOSAG*

### Panel/Rump Session Chair

Charlie Jackson, *IEEE*

### Student Paper Award Chair

Arye Rosen, *Drexel University*

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### Registration Co-Chairs

Nitin Jain, *Anokwave*  
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### Symposium Planning & Management

Jennifer More, *Fly Events LLC*

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Takao Inoue, *Univ. of Texas at Austin*

### RWS Executive Committee Chair

Mohammad Madhjian,  
*NEC Laboratories America*

The 2008 IEEE Radio and Wireless Symposium (RWS 2008) incorporating IEEE Wireless and Microwave Technology Conference (WAMICON) will be held in Orlando, FL, on 22 - 24 January 2008 as part of the Radio Wireless Week technical event. In addition to oral presentations and posters, RWS 2008 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 2008 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
- Radio on Fiber and optical techniques for UWB communications
- Electrically Small Antennas and handset Packaging

### Workshop Proposals

Proposals for workshop topics are solicited, and must be received by 28 June 2007. Details on the process and requirements can be found at [www.radiowireless.org](http://www.radiowireless.org).

### Paper Submission Instructions

Authors must submit a Summary (not more than 4 pages including figures) electronically using the [www.radiowireless.org](http://www.radiowireless.org) web page by **13 July 2007**; this is a firm date and will be strictly enforced! 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 content, and interest to a wide audience. Authors will be notified by 1 September 2007. Final manuscripts of accepted papers (4 pages in length) must be received by **4 November 2007** to be included in the published Proceedings.

