



**2001 IEEE Radio and Wireless Conference**  
**Westin Waltham-Boston**  
**Waltham, Massachusetts, USA**  
**August 19-22, 2001**  
<http://rawcon.org>

## **Call for Papers**

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Prof. Sanjay Raman, *Virginia Tech.*  
Prof. Gabriel M. Rebeiz, *U. Michigan*  
Mr. Claude Royer, *Nortel Networks*  
Dr. David Smithgall, *Lucent Tech.*  
Mr. Joseph Staudinger, *Motorola*  
Dr. Gene Tkachenko, *Alpha Industries*  
Dr. Mark Wickert, *U. of Colorado*

The IEEE Radio and Wireless Conference (RAWCON2001) highlights the interdisciplinary aspects of wireless and RF technology. From components to systems to networks, RAWCON focuses on how the pieces fit together to shape the latest developments in communications technology. For example, the RAWCON2000 Keynote Address, by Al Javed from Nortel Networks, on Fourth Generation Wireless Technology, made front-page news in *EE Times*. In addition to oral presentations and posters, RAWCON includes workshops and panels, as well as exhibits and presentations by vendors.

After four successful years in Colorado, RAWCON moves to the Boston area in 2001.

### **RAWCON2001 seeks interdisciplinary technical presentations:**

RAWCON2001 will highlight advances in components and system level technology in some of the following areas:

- Third generation (3G) and fourth generation (4G) cellular
- Wireless LAN
- Broadband fixed wireless
- Bluetooth/HomeRF/Personal Area Networks
- Ultra-wideband (UWB) communications

In each of these system areas RAWCON2001 seeks papers that describe advances at the component level (active devices, power amplifiers, RFICs, passive devices, antennas, signal processing, etc.), and explain how these advances improve the performance or functionality of the system.

### **Additional areas of interest include (but are not limited to):**

- Modeling and simulation
- Active and passive device technology
- Propagation and channel modeling
- Signal processing and system performance
- System architecture

### **Submission Instructions**

Authors are asked to submit a two-page summary (including figures) electronically using the <http://rawcon.org> web page by **March 9, 2001**. Please indicate your preference for oral or poster presentation format. For electronic submissions the preferred file format is pdf, although MS Word and postscript files are also acceptable.

Submissions will be evaluated for originality, significance of the work, technical soundness, and interest to a wide audience. Authors will be notified of acceptance by April 27, 2001. Final accepted papers (4 pages in length) must be received by **June 22, 2001** to be included in the published Proceedings.

### **Vendor Exhibition**

RAWCON2001 is a great venue for vendors to display their products to world-class technologists in a booth or tabletop format. There will be opportunities for exhibitors to make technical presentations during the conference. Contact the General Chair or Exhibit Chair for further information.

*RAWCON2001 is sponsored by the IEEE Microwave Theory and Techniques Society (MTT-S), the National Institute of Standards and Technology (NIST), and the Institute for Telecommunications Sciences (ITS).*

