

# 1995 IEEE MICROWAVE AND MILLIMETER-WAVE MONOLITHIC CIRCUITS SYMPOSIUM PANEL

## Cost Effective MMICs For WLANs: Fact or Fantasy???

*Location:* Room CC-12A, 12B  
*Time:* 12:00–1:30 pm  
*Sponsors:* MTT-6 Microwave and Millimeter-Wave Integrated Circuits  
1995 MMWMC Symposium TPC  
*Organizers:* Fazal Ali, Westinghouse  
Mike Golio, Motorola  
Doug Maki, Raytheon  
*Moderators:* Fazal Ali and Mike Golio  
*Panelists:* Fred Bonn, Motorola  
Finbarr McGrath, M/A COM  
David Smith, GEC-Marconi  
Doug Maki, Raytheon  
Steve Ludvic, Teledyne  
Paul Litzenberg, Triquint  
Juan Grau, Proxim

### **Abstract:**

Federal Communication Commission (FCC) has approved non-licensed wireless local area network (WLAN) usage of the 902-928 MHz, 2400-2483 MHz and 5725-5875 MHz frequency bands designated for industrial, scientific and medical (ISM) applications. Several companies have since been involved in the development of MMIC chip-set for WLAN applications. This panel discussion will focus on the cost-effective manufacturing of these ICs and their compliance (if any?) to the ever-evolving IEEE 802.11 standard. Speakers will also share their experiences in using these ICs in Real (Virtual?) systems.