

Message from the Technical Program Chairman



On behalf of the Technical Program Committee, I would like to welcome you to the 1992 IEEE Microwave and Millimeter-wave Monolithic Circuits (MMWMC) Symposium. This is the first year that the MMWMC and MTT-S International Microwave Symposium's (IMS) Monolithic Circuits Technical Subcommittees will have a joint evaluation session. We believe this coordinated technical paper evaluation will bring to the conference attendees a unified, strong MMIC session with a large number of high quality papers.

This year we have two invited papers and forty-eight (48) contributed papers. The first invited paper is given by Dr. Bertrand Canbou of Motorola on "Manufacturing of GaAs IC's for the Wireless Telecommunication Market—Utilization of the Silicon Expertise." The second invited paper is given by Dr. Seiichi Watanabe of Sony on "Technical Transfer of High-Frequency Devices for Consumer Electronics: Concerns and Expectations." Both will be presented on Monday, June 1, 1992. The 48 contributed papers cover a wide variety of areas such as low noise amplifiers, power amplifiers, oscillators, mixers, phase shifters, logarithmic amplifiers, and MMIC subsystem applications.

Further, the direction and scope of future MMIC trends will continue to be influenced by the collapse of the iron curtain and recessionary economic forces. These changes in the global political and economic climate are reflected in the composition of this year's papers. First, there is a steady shift in the number of MMIC papers from military applications to commercial applications. Secondly, this year's papers are largely "application oriented" and less on innovative ideas or technology breakthroughs. Recognizing the fact that MMICs will be an integral part in our daily lives in the 90's and beyond, it is important for the government, industry and academia to increase investments in MMIC R&D as well as in low cost, large volume manufacturing technology. It is only through the continued improvement in the above areas will we have affordable MMICs for such electronic applications as: personal hand-held communications; for vehicle collision avoidance and traffic control; and for entertainment applications such as direct broadcast satellite receivers and cable TV receivers, etc.

We have a strong MMIC technical program this year indeed. The credit belongs to the authors, the dedicated working group of the MMWMC and MTT/IMS monolithic circuits technical committee members, the IMS technical chairman and the local arrangement committee, and the leadership of the MMWMC General Chairman, Alex Chu.

Ho Huang
1992 IEEE Microwave and Millimeter-Wave
Monolithic Circuits Symposium