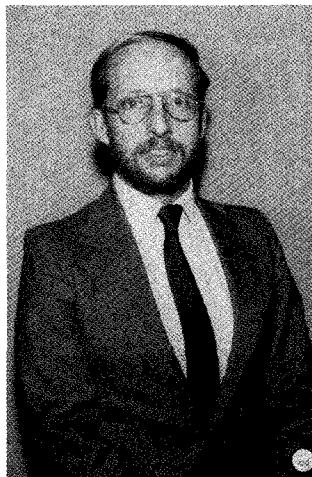


## Message from the General Chairman



Welcome to the 1988 IEEE Microwave and Millimeter-Wave Monolithic Circuits Symposium, and to New York City. Thanks to your interest and participation, this, the seventh annual Symposium, is once again expected to set a new record for attendance, and is already the largest ever in terms of number of papers. The two day technical program begins Tuesday, May 24, at the Marriott Marquis Hotel, Times Square, New York. On Wednesday, May 25, the Symposium continues under joint sponsorship of the IEEE Microwave Theory and Techniques International Microwave Symposium, at the Jacob Javits Convention Center.

The Technical Program Committee, under the chairmanship of Dr. Reynold Kagiwada, has selected 32 contributed papers, representing the state-of-the-art in monolithic microwave and millimeter-wave IC technology, from a total of 76 submitted abstracts. Topics are approximately one-third microwave and one-third millimeter wave, with the final third divided among digital, complex analog, and processing.

In addition to the contributed papers, three invited papers will cover future technology directions:

The MIMIC Program, by Dr Eliot Cohen, Dept. of Defense

Microwaves vs. Fiber Optics, by Joseph Campanella, COMSAT Laboratories

Commercial Applications of GaAs IC's, by Jerry Gladstone, Hewlett-Packard

This digest contains summaries of all the presented papers. Expanded versions of selected papers will appear in the December special issues of the IEEE Microwave Theory and Techniques and the IEEE Electron Devices journals.

In addition to the technical program, Symposium attendees and their guests are invited to a reception on Monday evening, May 23rd, from 7 to 10 p.m. to meet with colleagues in an informal setting. This year's social program will also include the traditional continental breakfast for attendees, beverage service during breaks, and a hospitality suite for guests.

The Technical Program Committee and the Steering Committee, with the help of the MTT Symposium Committee, are to be commended for assembling an outstanding program. I would particularly like to thank Technical Chairman Reynold Kagiwada, Finance Chairman Alejandro Chu, and MTT Liason/Local Arrangements/Registration Chairman Charlie Huang for the extra effort required in their positions; MTT-S Chairman Chuck Buntschuh, MTT-S/MMIC Liaison Paul Meier, and the rest of the MTT-S Committee for the cooperation; and Larry Whicker, for handling contracted services. The cooperative sponsorship of the IEEE Microwave Theory and Techniques Society and the IEEE Electron Devices Society is gratefully acknowledged.

On behalf of the Steering Committee, I again welcome you to the seventh annual IEEE Microwave and Millimeter-Wave Monolithic Circuits Symposium, with confidence that you will find the Symposium informative and professionally rewarding.

Derry Hornbuckle  
General Chairman  
1988 IEEE Microwave and Millimeter-Wave  
Monolithic Circuits Symposium