

## Message from the Technical Program Chairman

On behalf of the Technical Program Committee I would like to welcome you to the 1989 IEEE Microwave and Millimeter-Wave Monolithic Circuits Symposium. This year our program is comprised of one invited paper, thirty-two contributing papers and three panel discussions.

The invited paper addresses the "Progress of MMICs in Japan". Dr. Aikawa's presentation follows the theme initiated by last year's invited paper on "The MIMIC Program Key to Affordable MMICs for DOD Systems", in the United States. We wish to provide with this paper an international perspective in the development of monolithic circuit technology and to provide insight into issues associated with the utilization of MMIC-technology for commercial applications.

Contributing papers are organized into eight sessions. On Monday morning consecutive sessions are devoted to low noise and power amplifiers. In the afternoon we will have the only two parallel sessions: Non-linear Circuits and Advanced Circuits and Applications. The subject matters were selected to minimize the possibility of conflict. The last session in the afternoon will be on Control Circuits.

In the evening there will be three panel discussions. "MIMIC Program Benefits to the MMIC Industry" will address management issues such as product availability, data bases, interoperability, foundries and metrology. "Computer-Aided-Engineering for MICs and MMICs" will address design functions and their integration with documentation and fabrication functions in workstations. The third panel will discuss the challenge of novel device technologies to GaAs FETs. The Technical Program Committee is pleased to offer this forum for stronger interactions amongst the audience and with the panelists.

On Tuesday the sessions are held jointly with the IEEE MTT-International Microwave Symposium. The first session on Receivers and Mixers precedes the plenary opening session. In the afternoon, the first session is devoted to Millimeter-Wave Amplifiers and the concluding session will address Broadband Integrated Circuits. It will be apparent from attending the symposium that the emphasis in 1989 is on technology insertion. The trend is embodiment of microwave functions and solutions using GaAs or Si monolithic circuit technology.

The program outlined above was made possible by the contributions of authors, the dedicated work of Technical and Steering Committee members and the leadership of our General Chairman, Reynold S. Kagiwada.



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1989 IEEE Microwave and Millimeter-Wave  
Monolithic Circuits Symposium