

WELCOME to the IEEE 1982 Microwave and Millimeter-Wave and Monolithic Circuits Symposium!

On behalf of the Steering Committee, I hope that everyone attending the 1982 Microwave and Millimeter-Wave Monolithic Circuits Symposium will find it an informative and rewarding experience. This is the first such symposium, but one which will be held annually in conjunction with the IEEE MTT-S International Microwave Symposium.

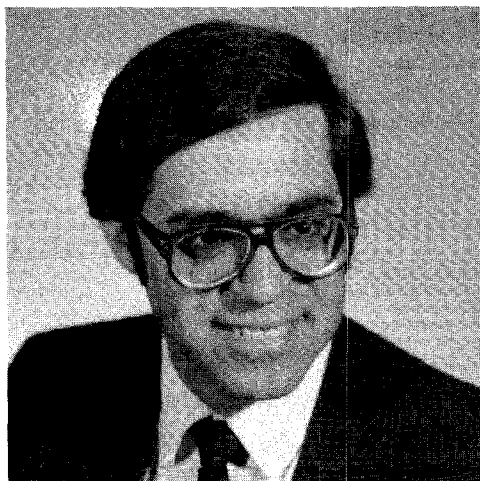
This conference is intended to present original work in the field of microwaves and millimeter waves where technology is employed to process circuits and devices on semiconductor substrates with current or potential applicability to the 1 to 300 GHz frequency range. Subject areas deemed particularly appropriate for this conference include:

- Analog
- Digital
- Materials
- Devices
- Circuits
- Components
- Systems and Subsystems
- Interface Problems
- Power Generation
- Signal Reception
- Modulation
- Active and Passive
- Computer-aided Techniques
- Theory and Analysis
- Reliability
- Testing and Characterization

Beyond the papers appearing in this digest, the authors of accepted papers have been encouraged to prepare expanded versions of their papers to be considered for publication in a future issue of the MTT-S and/or ED-S Transactions. By these means, it is intended to provide comprehensive, retrievable documentation for the work presented at this conference.

Because of the large number of papers received for consideration, the Technical Program Committee had a difficult time in selecting papers to be presented in a one-day conference. In addition to papers received from the United States, a number of papers were received from abroad. I trust you will find that the morning and afternoon sessions span a broad range of technologies being pursued in this field.

I would like to express my appreciation to numerous people who have put in much effort to organize this Symposium. This appreciation extends to all members of the Symposium Steering Committee, Technical Program Committee, and associated reviewers. I also would like to thank the Administrative Committees of



the Microwave Theory and Techniques Society (Symposium sponsor) for their support in fielding this conference. Additional thanks go to the GaAs IC Symposium Committee for their cooperation and suggestions in organizing this conference.

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