



Message from the General Chairman

Welcome to the 1986 IEEE Microwave and Millimeter-Wave Monolithics Circuits Symposium, held at the Baltimore Convention Center on the Inner Harbor in Baltimore, Maryland, June 4th and 5th, 1986. The one and one-half day Symposium opens on Wednesday afternoon, June 4 and continues on Thursday June 5, 1986 in the Convention Center. The Wednesday afternoon session is held jointly with the 1986 IEEE MTT-S Symposium whose cooperation in this Symposium is appreciated.

The Technical Program Committee under the chairmanship of Dr. Yalcin Ayasli has selected 23 papers for presentation. In addition to an opening session there are five sessions covering Microwave Amplifiers, Optical Communications, Millimeter-Wave Integrated Circuits and Microwave Receivers, Switching and Control Circuits and MMIC Technology. Collectively these papers describe the state-of-the-art in monolithic microwave and millimeter-wave integrated circuits. The paper topics range from milestone accomplishments in research laboratories to advanced engineering designs for specific applications and data on the manufacturing of monolithic circuit components. An invited paper describes plans of the U.S. Department of Defense to encourage the manufacturing of monolithic microwave and millimeter-wave circuits. Another invited paper provides information in the optoelectronics area where monolithic circuits are expected to be of increasing importance for an expanding industry. This digest contains summaries of the papers presented and expanded versions of selected papers will appear in a special Symposium issue of the *IEEE Transactions on Microwave Theory and Techniques*.

The opportunity to meet informally with colleagues has proved to be a popular part of past Symposia and suitable social functions are part of this years activities. On Wednesday evening June 4, 1986 a Crabfeast and Bull Roast will be held in the nearby Festival Hall. This informal Baltimore evening event is planned for Symposium attendees and guests. Again this year a continental breakfast for the Symposium attendees prior to the sessions on Thursday, June 5, 1986 will be available in the Convention Center as well as the traditional coffee/tea breaks. A guest program is also provided in conjunction, with the MTT-S Symposium. Information on the Baltimore and Washington area is available in a hospitality suite in the Chesapeake rooms of the Hyatt Regency Hotel.

On behalf of the Steering Committee, I again welcome you to the fifth annual Microwave and Millimeter-Wave Monolithic Circuits Symposium knowing you will find the 1986 Symposium informative and professionally rewarding. The Steering Committee has worked throughout the year to plan a quality program that will result in a continuing successful Symposium with your participation.

**Roger W. Sudbury
General Chairman
Steering Committee**