

Editor's Overview

THE organization, preparation, and presentations of the 1975 Microwave Theory and Techniques Society Technical Program are now completed with this traditional issue of the TRANSACTIONS. The qualifying papers included here together with the *Symposium Digest* comprise the record of technical achievement of our annual meeting.

This Symposium and its record once again demonstrate the working role of the IEEE. The technical community receives the benefit of both current research and development as well as professionally prepared papers.

The quality of these papers has resulted from both the authors' creativity as well as the arduous task of

review and revision. The authors, the Technical Program Committee, and the reviewers are commended for their joint efforts.

The process of inspiring authors and reviewers to respond in a timely fashion still remains the greatest editorial challenge. Several excellent but tardy papers missed publication.

My thanks to all participants, with special appreciation for the efforts of Susan Thom, Melody Gardner, and Don Weller in coordinating the reviews and revisions.

—Stephen F. Adam
Guest Editor



Stephen F. Adam (M'59-SM'70) was born in Budapest, Hungary. He received the equivalent of the M.S. degrees in mechanical and electrical engineering and a Sc.D. degree in electrical engineering in 1952, 1955, and 1965, respectively. He also holds a teacher's degree and a California Teaching Life Credential.

From 1951 to 1956 he was a member of the technical staff of the Telecommunications Research Institute in Budapest, doing research and development in the field of microwave measurement. Since 1957 he has been a member of the technical staff of Hewlett-Packard Company, Palo Alto, Calif., involved with research and development. He is responsible for the development of numerous microwave instruments; waveguide and coaxial wavemeters, directional couplers, attenuators, network analyzer instruments including computer-controlled automatic network analyzers. He is now in charge of a laboratory section of Stanford Park Division developing Microwave Test Instruments. He has taught microwave theory and measurements at Foothill College for nine years. He has written a textbook: *Microwave Theory and Applications* (Englewood Cliffs, N.J.: Prentice-Hall) and several articles for the trade literature. He holds several patents and patents pending in the microwave field.

Dr. Adam is a member of the IEEE S-MTT, G-IM, and Chairman of the IEEE S-MTT Waveguide Measurements Committee within the Standards Coordinating Committee. He is currently serving on several Standardization Committees within the IEEE G-IM. He was secretary to IEC-TC/66-WG5, involved with the Standardization of Microwave Measurements, Chairman of the 1975 S-MTT Symposium Technical Program Committee, and is currently a member of the S-MTT Administrative Committee.