

## Foreword

PLANS for the 1958 PGMTT National Symposium started during August, 1957 with a decision by the San Francisco Chapter of the PGMTT to try to hold the Symposium on the West Coast. Preliminary inquiry indicated that Stanford University would be willing to provide the facilities. Subsequent endorsement of the plan was given by the San Francisco Section of the IRE, the PGMTT Administrative Committee, and IRE Headquarters. The PGMTT Administrative Committee assumed financial responsibility and approved A. L. Aden as Symposium Chairman. It also approved a list of names submitted as candidates for the Symposium Steering Committee. As a policy guideline it was suggested that the scope of the Symposium be expanded to include all fields of interest to the PGMTT.

The Steering Committee was formed comprising the eleven members listed with representation from the PGMTT Administrative Committee, the San Francisco Section of the IRE, the San Francisco Chapter of the PGMTT, the two major universities in the area, the previous year's Symposium Chairman, and local industry.

### *Steering Committee*

- A. L. Aden, Sylvania Microwave Physics Laboratory, Mountain View, Calif.
- T. N. Anderson, Airtron, Inc., Linden, N. J. Ex-officio member, Chairman, 1957 Annual PGMTT Meeting.
- S. B. Cohn, Stanford Research Institute, Menlo Park, Calif.
- W. A. Edson, General Electric Microwave Laboratory, Palo Alto, Calif.
- H. Heffner, Stanford University, Stanford, Calif.
- P. D. Lacy, Hewlett-Packard Company, Palo Alto, Calif.
- J. L. Melchor, Microwave Engineering Laboratories, Palo Alto, Calif.
- T. Moreno, Varian Associates, Palo Alto, Calif.
- W. H. Thon, Sylvania Microwave Tube Laboratory, Mountain View, Calif.
- K. Tomiyasu, General Electric Microwave Laboratory, Palo Alto, Calif.

J. R. Whinnery, University of California, Berkeley, Calif.

The Steering Committee formulated the general plans and appointed a five-man Symposium Committee consisting of the following chairmen:

- A. L. Aden—*Symposium*
- K. Tomiyasu—*Technical Program*
- T. Moreno—*Finance*
- G. H. Keitel—*Publicity*
- H. W. Schroeder—*Local Arrangements*.

This committee was responsible for the detailed planning and organization of the Symposium.

The Symposium was held at Stanford University on May 5-7. The technical program was conducted in 6 single sessions, with 2 sessions on ferrites, 2 sessions on microwave physics, 1 session on microwave techniques, and 1 session on microwave filters. There were 6 invited papers which were chosen to be tutorial to the topic of the session in which they were given. Thirty-three contributed papers were selected out of 79 submitted. Total registered attendance at the Symposium was 437. A banquet was held at Rickey's Studio Inn, Palo Alto, on the evening of May 6, with 183 in attendance. Dr. F. E. Terman, Dean of Engineering and Provost, Stanford University, presented the keynote address, "Basic Research in Industry and Education." The Microwave Prize for the best paper published in these TRANSACTIONS was awarded at the banquet to H. Seidel.

The large attendance and enthusiastic response to the 1958 PGMTT National Symposium was most gratifying to the Symposium Committee. Thanks are extended to many people who helped make this possible. Particular acknowledgment is made to Stanford University for providing the facilities and for the endorsement by the Electrical Engineering Department; to the Steering Committee for their guidance and assistance in planning the Symposium; and to the PGMTT Administrative Committee for their cooperation and support

A. L. ADEN  
*Chairman, 1958 PGMTT National Symposium*