

# 1960 National Microwave Symposium



Award of Microwave Prize to Bert A. Auld (left) by A. A. Oliner (right).

Members of the PGMTT San Diego Chapter appeared before the PGMTT Administrative Committee at Palo Alto, Calif., in January, 1959, to present a plan for holding the 1960 National Meeting in San Diego. The plan, which was accepted, emphasized holding the Symposium in a noncommercial, semi-isolated location where a technical atmosphere with a minimum of outside distractions could be obtained.

Immediately afterwards a Steering Committee, later to become the Symposium Committee, was organized. The Committee broke precedent with previous Symposia by making the Technical Program Committee an integral part of the Symposium Committee, rather than treating it as a separate unit.

The Symposium Committee members were as follows:

*Chairman:* D. Proctor, Convair-Astronautics

*Vice-Chairman:* W. E. Moore, Convair-Astronautics

*Finance:* B. I. Small, U. S. Navy Electronics Laboratory

*Technical Program:* Dr. D. B. Medved, Convair-Astronautics

*Local Arrangements:* H. D. Dickstein, Cubic Corporation

*Publicity:* H. A. Babbitz, Convair-Astronautics

*San Diego Section Representative:* R. E. Honer, Convair-Astronautics

*Administrative Committee Representative:* Dr. R. C. Hansen, Space Technology Laboratories

*Student Activities Representative:* Dr. C. R. Moe, San Diego State College

*Women's Activities:* Mrs. Kirk Abbey

*1959 Symposium Representative:* W. L. Pritchard, Raytheon and Company

The symposium was held at the Del Coronado Hotel in Coronado, Calif., across the bay from San Diego. Registrations totaled 512, of which 170 were from the East Coast and 4 from foreign countries.

There were seven technical sessions, including a panel session on Parametric Amplifiers on Monday evening, May 7. A total of thirty-nine papers, including ten invited

papers, was presented. An additional panel session on Microwave Propagation in Plasmas and Solids was held on Wednesday, May 9. Eighty-two papers were submitted; however, due to the crowded program, many fine papers could not be accepted. It appears that future meetings might advantageously include an extra day, or that two meetings a year may be in order.

A banquet was held in the Crown Room at the Del Coronado Hotel on Tuesday night, May 8, featuring an address by Dr. W. A. Edson on "Future Microwave Power Sources." The Microwave Prize was announced by Dr. A. A. Oliner and presented to Dr. B. A. Auld of Stanford University, for his paper, "The Synthesis of Symmetrical Waveguide Circulators," which appeared on pages 238-246 of the April, 1959, issue of these TRANSACTIONS.

The 1960 Symposium was a departure from previous Symposia in that it was not held in an area of great microwave activity; it was an experiment in having a meeting in semi-isolated resort areas offering a greater opportunity for exchanging ideas and getting the most out of the technical sessions.

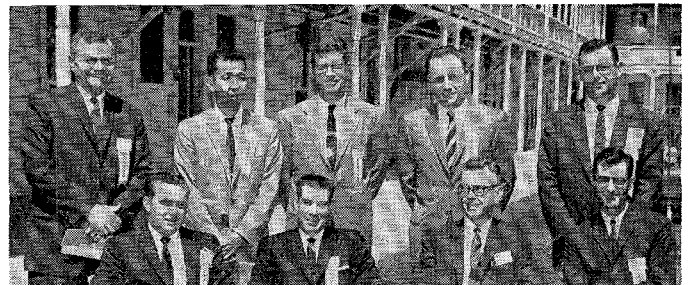
(See additional Symposium photos on next page.)



Symposium banquet. Head table (left to right); H. D. Dickstein, *Chairman, San Diego Chapter*; Mrs. Dickstein; Mrs. Tomiyasu; Kiyo Tomiyasu, *Vice-Chairman, Administrative Committee*; Dr. B. A. Auld, *Microwave Prize winner*; A. A. Oliner, *Chairman, Administrative Committee*; Mrs. Proctor; D. Proctor, *Chairman, Symposium Committee*; W. E. Edson, *Speaker*; Mrs. Edson; R. E. Honer, *Chairman, San Diego Section*; Mrs. Honer; D. B. Medred, *Chairman, Technical Program*; Mrs. Medred; W. E. Moore, *Vice Chairman, Symposium Committee*.



First session.



First session speakers.