

1962 PGMTT National Symposium

The 1962 PGMTT National Symposium was held on May 22, 23, and 24, at the National Bureau of Standards, Boulder, Colo. As in the past, planning began quite early for this Symposium, beginning prior to the IRE Convention in March, 1961. The members of the Symposium Committee were:

Symposium Chairman: George E. Schafer,
National Bureau of Standards
Secretary: James F. Brockman,
National Bureau of Standards
Technical Program: Robert W. Beatty,
National Bureau of Standards
Publicity: John L. Dalke,
National Bureau of Standards
Finance: Moody C. Thompson, Jr.
National Bureau of Standards

The Steering Committee consisted of the above five officials and the following members:

Helmut Altschuler,
Polytechnic Institute of Brooklyn
John J. Faris,
Colorado State University
John M. Richardson,
National Bureau of Standards
Gustave Shapiro,
National Bureau of Standards

The Symposium Chairman was at North Carolina State College, Raleigh, from September, 1961, to May, 1962, where he was a Professor of Electrical Engineering. During this time John L. Dalke acted as Co-Chairman of the Symposium at Boulder.

The Technical Program Committee was organized during the IRE Convention in March, 1961, and received valuable assistance from Gustave Shapiro, the previous committee chairman. Its membership was as follows:

Chairman: Robert W. Beatty,
National Bureau of Standards
Assistant Chairman: Donald D. King,
Electronic Communications, Inc.
Secretary: Arthur J. Estlin,
National Bureau of Standards
Members: Alfred C. Beck,
Bell Telephone Laboratories, Inc.
Howard E. Bussey,
National Bureau of Standards
William W. Mumford,
Bell Telephone Laboratories, Inc.
Arthur A. Oliner,
Polytechnic Institute of Brooklyn
Theodore S. Saad,
Sage Laboratories, Inc.
George E. Schafer,
National Bureau of Standards
Gustave Shapiro,
National Bureau of Standards
Kiyoo Tomiyasu,
General Electric Company

It was fortunate that James F. Brockman, a man with previous experience in conference local arrange-

ments, was available to direct this effort. The local arrangements committee consisted of the following:

Chairman: James F. Brockman,
National Bureau of Standards
Coordinator: Donna Murray,
National Bureau of Standards
Entertainment: A. J. "Mick" Spano,
Lahana and Company
Housing: Barbara J. Patterson,
National Bureau of Standards
NBS Tours: Lawrence W. Miller,
National Bureau of Standards
Projection and Audio: Leon F. Saulsbery,
National Bureau of Standards
Registration: Robert D. Harrington,
National Bureau of Standards
Transportation: Roy E. Larson,
National Bureau of Standards

The committee for the organization of the Ladies Program was as follows:

Chairman: Mrs. John L. Dalke
Members: Mrs. Howard E. Bussey
Mrs. William E. Case
Mrs. William D. George
Mrs. Robert D. Harrington
Mrs. Harvey W. Lance
Mrs. Roy E. Larson
Mrs. Moody C. Thompson, Jr.
Mrs. Eldred C. Wolzien

The Technical Program was of the usual high calibre, and consisted of 36 papers. These were presented in 10 sessions, the last consisting of 3 invited papers. This session was designed to explore the future of microwaves and solid state. The pace was fast, but varied, with some papers scheduled for 15 minutes, some 20 minutes, and a few for 30 minutes. Short sessions, interrupted by 30-minute coffee breaks, encouraged close attention to papers, and provided ample time for relaxation and informal conversations.

A Digest of the technical program was presented to all Symposium registrants. It was edited by Arthur J. Estlin and James F. Brockman of the National Bureau of Standards.

The National Bureau of Standards held open house of its microwave laboratories during the Symposium, and also the preceding and following days. An enjoyable social event was the gab fest, held at the Harvest House Hotel on the evening of May 21st.

The first day's sessions were advanced an hour to allow more time for the evening visit to the Air Force Academy, near Colorado Springs, Colo. Approximately 147 attended this event, which consisted of a short bus tour of the grounds, a buffet dinner at the Officer's Club, and a visit to the Electrical Engineering laboratories. The buses returned the visitors to Boulder at 11 p.m.

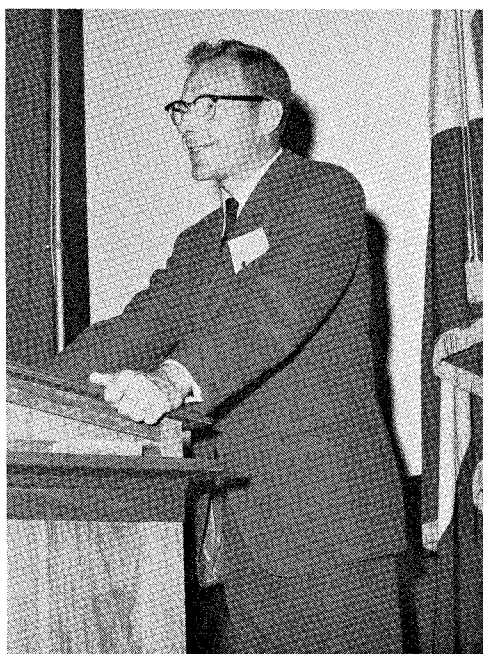
The banquet was held Wednesday evening at the Harvest House Hotel. It was preceded by a cocktail

hour and began promptly at 7 p.m. In celebration of the 10th anniversary of PGM TT, a birthday cake with 10 candles was presented to the Chairman, Tore N. Anderson, and a barbershop quartet sang "Happy Birthday." The Microwave Prize was presented by the PGM TT Chairman to Dr. G. L. Matthaei, of Stanford Research Institute. The banquet speaker, Dr. W. L. Barrow, presented a very interesting talk entitled "Reminiscences of a Microwaver," which supplied much information on the history of microwave developments, and predicted continued opportunities in the microwave field for the diligent researcher. The genial master

of ceremonies, Ted Saad, introduced or accounted for the 10 past PGM TT chairmen, and handled the other introductions capably. He dealt firmly, but wisely with Gustave Shapiro, the perpetrator of last year's banquet hoax. The attendance at the banquet was 255 people.

Prof. Adam Smolinski of Warsaw, Poland traveled the greatest distance to attend the Symposium. There were also some attendees from France and Canada. Total attendance was 465 of which 320 were IRE members, 134 were nonmembers, and 11 were students.

Photographs of the Symposium appear below and on the next page.



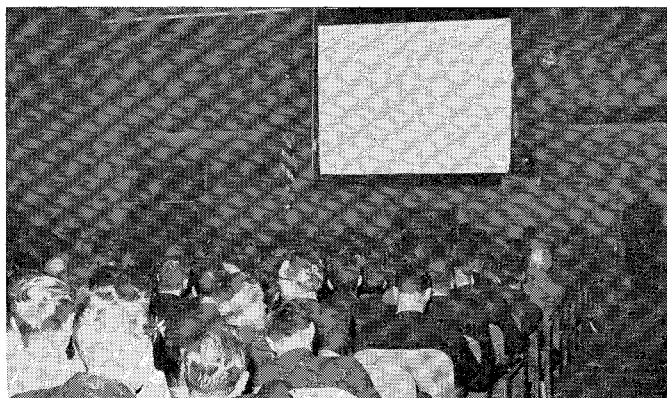
Dr. John M. Richardson, Chief of the Radio Standards Laboratory, Boulder Laboratories of the National Bureau of Standards and Key-note Speaker at the 1962 PGM TT National Symposium.



Chairman of the 1962 PGM TT National Symposium, Dr. G. E. Schafer, and Mrs. Schafer.



Left to right: A. J. Estin and J. Brockman, Digest Editors, and R. W. Beatty, Technical Program Chairman.



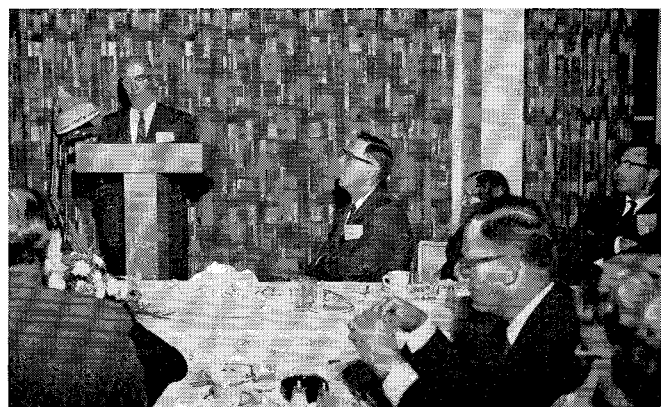
Attendees of the 1962 PGMTT National Symposium at a technical session.



Left to right: Session Chairmen, R. W. Beatty, Dr. D. D. King, Dr. A. A. Oliner, and Keynote Speaker Dr. J. M. Richardson observing an NBS exhibit.



Registration at the 1962 PGMTT National Symposium.



Dr. W. L. Barrow, Vice President, Research and Development, Sperry Gyroscope, Great Neck, N. Y., delivering the banquet address.



Dr. G. L. Matthaei accepting the 1961 Microwave Prize from Tore N. Anderson, Chairman of the PGMTT.