

# 1961 PGMTT National Symposium

The 1961 PGMTT National Symposium was held on May 15, 16, and 17, 1961, at the Sheraton Park Hotel in Washington, D. C. Planning for this Symposium began more than a year before the meeting; the Symposium Committee was formed in March, 1960. The members of the Symposium Committee were:

*Symposium Chairman:* Robert O. Stone, National Bureau of Standards  
*Secretary:* Charles E. Quigley, Naval Research Laboratory

*Technical Program Committee:*

*Chairman*—Gustave Shapiro, National Bureau of Standards  
*Members*—Tore N. Anderson, Microwave Consultant  
 Alfred C. Beck, Bell Telephone Laboratories  
 Donald D. King, Electronic Communications, Inc.  
 William W. Mumford, Bell Telephone Laboratories  
 Charles E. Quigley, Naval Research Laboratory  
 Saul W. Rosenthal, Polytechnic Institute of Brooklyn  
 Theodore S. Saad, Sage Laboratories, Inc.  
 Leonard Swern, Sperry Gyroscope Company  
 John E. Tompkins, Diamond Ordnance Fuze Laboratories

*Arrangements Committee:*

*Chairman*—Robert V. Garver, Diamond Ordnance Fuze Laboratories  
*Members*—Marshall M. Algor, Diamond Ordnance Fuze Laboratories  
 Phillip W. Boesch, Weinschel Engineering Company

Julius A. Kaiser, Diamond Ordnance Fuze Laboratories  
 Mary J. Ronas, National Bureau of Standards  
 Thelma Southworth, Diamond Ordnance Fuze Laboratories

*Publicity Committee:*

*Chairman*—Benjamin Bernstein, Polytechnic Engineering Company  
*Members*—Elbert (Al) Godfrey, Polytechnic Engineering Company  
 Edward A. Wolff, Electromagnetic Corp.

*Finance Committee:*

*Chairman*—Frank Reggia, Diamond Ordnance Fuze Laboratories  
*Members*—Henry B. Bruns, Diamond Ordnance Fuze Laboratories  
 Lauren P. Tuttle, Jr., Melpar, Incorporated

*Women's Activities Committee:*

*Chairman*—Elisabeth M. Rutz, Emerson Research Company  
*Members*—Marie D. Prytulak, Diamond Ordnance Fuze Laboratories  
 Kathryn M. Schwarz, National Bureau of Standards

*Session Organizers:*

*Session IV*—High-Power Microwave Techniques  
 Theodore S. Saad, Sage Laboratories, Inc.  
*Session V*—Low-Noise Microwave Amplifiers  
 Helmut Sommer, Diamond Ordnance Fuze Laboratories  
*Session VII*—System and Receiver Noise Performance  
 William W. Mumford, Bell Telephone Laboratories

There were seven technical sessions, in which thirty papers were presented. Three of the sessions were panel sessions: Low-Noise Amplifiers, High-Power Microwave Techniques, and System and Receiver Noise Performance Clinic. At these sessions, forty-minute invited papers were presented and then further discussed by the six panel members.

For the first time, a Symposium Digest was available at the Symposium. Charles Quigley, Editor of the Digest, was largely responsible for its quality and excellence. The Digest contains 500-word summaries and five figures for each of the papers presented at the Symposium. Copies of the Digest may be obtained from Frank Reggia, Diamond Ordnance Fuze Laboratories, Washington 25, D. C., for \$3.00 per copy.

On Monday evening, May 15, Mr. Jacob Rabinow, Rabinow Engineering Company, presented a very interesting and informative paper, "The Business of Investing."

A cocktail hour and banquet was held in Sheraton Hall on May 16. The Microwave Prize for the best paper published in the TRANSACTIONS during the previous year was awarded to Dr. A. F. Harvey of the Royal Radar Establishment, Malvern, Worcester, England.

The highlight of the banquet was the perfectly executed hoax by Gustave Shapiro and the guest speaker, Dr. Paul Conroy, U. S. Information Agency. Dr. Conroy, posing as a Russian official, Ivan Serov, disclosed some rather startling Russian advancements in the microwave art and explained why the Russian scientific and economic programs were superior to those of the United States. Everyone was quite surprised, and relieved, to learn that his address was not authentic.

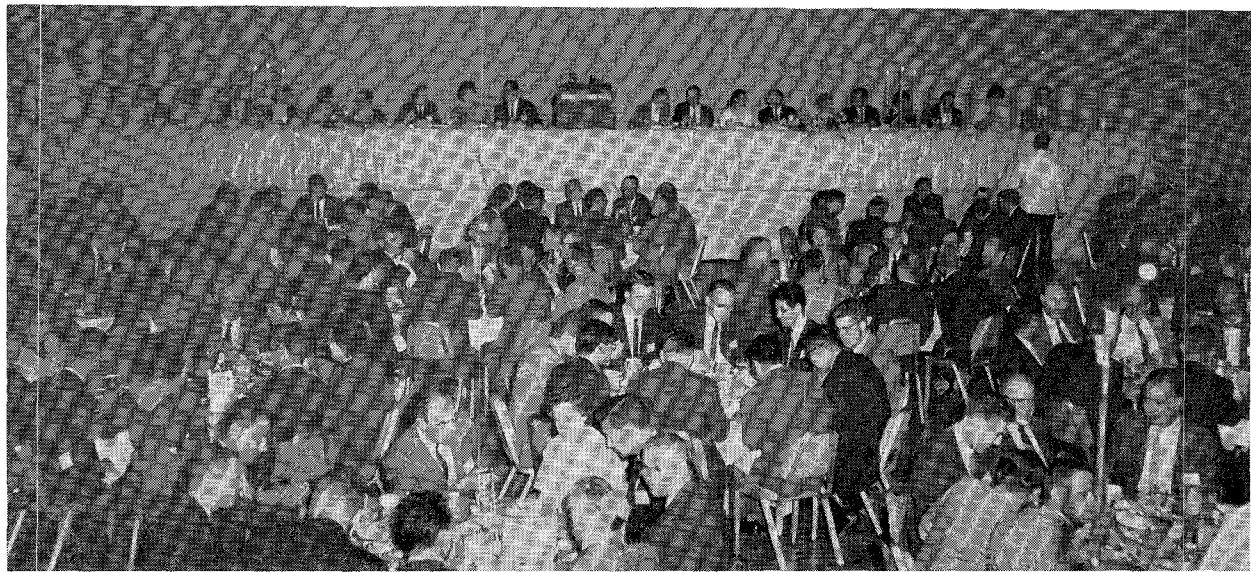
Approximately 600 people attended the Symposium; 500 were IRE members, 95 were nonmembers, and 7 were students.



*Left to right:* Delmer C. Ports, Dr. Paul Conroy—Banquet Speaker, posing as a Russian official, Ivan Serov—Gustave Shapiro, and Theodore Saad.



Our two honorary life members of PGMTT with their wives. *Left to right:* Dr. George C. Southworth, Mrs. Southworth, Mrs. Clavier and Andre Clavier—Symposium Keynote Speaker.



Banquet scene before the hoax perpetrated by Paul Conroy and Gustave Shapiro



*Left to right:* Andre Clavier, Mrs. Clavier, Theodore Saad, Tore Anderson, Mrs. Saad, Frank Klawnsik, Mrs. Tomiyasu and Kiyo Tomiyasu.



Some of the members of the 1961 Symposium Committee relaxing before the banquet. *Left to right:* Frank Reggia—Finance Chairman, Mrs. Reggia, Gustave Shapiro—Technical Program Chairman, Robert Garver—Arrangements Chairman, Mrs. Garver, Robert Stone—Symposium Chairman, Mrs. Hepburn, Robert Rivers, Mrs. Rivers, Mrs. McDonley, and W. A. McDonley.



*Left to right:* Ben Warriner, Andre Clavier, George Southworth, Theodore Saad, Herbert Engelmann, James Hughes, William Culshaw, and Tore Anderson.