

# 1961 PGM TT NATIONAL SYMPOSIUM

## SCOPE OF CONFERENCE

The 1961 PGM TT National Symposium features seven sessions at the Sheraton-Park Hotel (Sheraton Hall and Exhibit Hall) devoted to broad advances in microwavetechniques, circuitry, measurements, and low-noise amplification. Twenty contributed papers make up four of these sessions, describing such topics as millimeter wave masers and quasi-optical surface waveguides, ferrites, parametric amplifiers, and plasmas. Seven ferrite papers are included in this group which describe X-band power limiters, new and improved microwave switches, absorption modulators and broadband isolators, octave-bandwidth circulators for UHF, and frequency doubling with planar ferrites.

A clinic and two panel sessions, held on Tuesday and Wednesday afternoons in the Sheraton Hall and Exhibit Hall, make up the rest of the technical program. These informal sessions, which include nine invited papers, will provide registrants an opportunity to discuss the latest developments in low-noise amplifiers and high power microwave systems.

## LOCATION

The Symposium is being held in Sheraton Hall in the Sheraton-Park Hotel at Connecticut Avenue and Woodley Road, N. W., Washington, D. C. The shopping area of Washington can be easily reached by bus route L2 or L4 which runs down Connecticut Avenue.

## LUNCHEONS, ETC.

Luncheons on Monday, Tuesday, and Wednesday will be served in the Sheraton Hall Balcony overlooking the Session sight.

Coffee breaks, sponsored by local companies, will be held in the Florentine Foyer adjacent to Sheraton Hall.

Cocktails will be served at 6:00 P. M. Tuesday in the Florentine Foyer.

The Banquet will be served at 7:00 P. M. Tuesday in Sheraton Hall.

## SYMPOSIUM DIGEST OF TECHNICAL PAPERS

ADDITIONAL COPIES of the DIGEST OF TECHNICAL PAPERS, priced at \$3.00 per copy, may be obtained from Frank Reggia, Microwave Branch 250, Diamond Ordnance Fuze Laboratories, Connecticut Avenue and Van Ness St., Washington 25, D. C. Remittance should be made payable to 1961 IRE-PGM TT National Symposium.

## CONFERENCE FEES

Registration - IRE Member	\$ 8.00
Non-Member	10.00
Full-time Student	3.00
Luncheons	4.00
Cocktail Hour	2.00
Banquet	8.00
Ladies Luncheon, Monday	3.75
Sight Seeing, Monday	2.75
Embassy Tour, Tuesday	2.25

## PGM TT NATIONAL SYMPOSIUM COMMITTEE

Symposium Chairman: Robert O. Stone,  
National Bureau of Standards

Secretary: Charles E. Quigley,  
Naval Research Laboratory

## Steering Committee:

Robert O. Stone	National Bureau of Standards
Frank Reggia	Diamond Ordnance Fuze Laboratories
Benjamin Bernstein	Polytechnic Engineering Company
Gustave Shapiro	National Bureau of Standards
Robert V. Garver	Diamond Ordnance Fuze Laboratories
Elisabeth M. Rutz	Emerson Research Company
Helmut Sommer	Diamond Ordnance Fuze Laboratories
Charles E. Quigley	Naval Research Laboratory

## Technical Program Committee:

### Chairman -

Gustave Shapiro	National Bureau of Standards
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### Members -

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

## Arrangements Committee:

### Chairman -

Robert V. Garver	Diamond Ordnance Fuze Laboratories
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### Members -

Robert V. Garver	<del>Naval Research Laboratory</del>
Julius A. Kaiser	Diamond Ordnance Fuze Laboratories
Philip W. Boesch	Weinschel Engineering Company
Marshall M. Algor	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
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### Members -

Elbert (Al) Godfrey	<del>Polytechnic Engineering Company</del>
Edward A. Wolff	Electromagnetic Research Corp

## Finance Committee:

### Chairman -

Frank Reggia	Diamond Ordnance Fuze Laboratories
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### 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
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### Members -

Kathryn M. Schwarz	National Bureau of Standards
Marie D. Prytulak	Diamond Ordnance Fuze Laboratories

## Session Organizers:

### Session IV - High Power Microwave Techniques

Theodore S. Saad	Sage Laboratories, Inc.
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### Session V - Low-Noise Microwave Amplifiers

Helmut Sommer	Diamond Ordnance Fuze Laboratories
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### Session VII - System and Receiver Noise Performance

William W. Mumford	Bell Telephone Laboratories
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