

1961 PGMNT NATIONAL SYMPOSIUM

SCOPE OF CONFERENCE

The 1961 PGMNT National Symposium features seven sessions at the Sheraton-Park Hotel (Sheraton Hall and Exhibit Hall) devoted to broad advances in microwave techniques, 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-PGMNT National Symposium.

CONFERENCE FEES

| | |
|---------------------------|---------|
| Registration - IRE Member | \$ 8.00 |
| Non-Member | 10.00 |
| Full-time Student | 3.00 |
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| 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 |

PGMNT NATIONAL SYMPOSIUM COMMITTEE

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

Steering Committee:

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| 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 |
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| Alfred C. Beck | Bell Telephone Laboratories |
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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

A + M Associates