

# Announcements

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## CALL FOR PAPERS

### 1965 MTT Symposium

Prospective authors are invited to submit abstracts and summaries for consideration and presentation at the 10th Symposium on Microwave Theory and Techniques, to be held at the Jack Tar Harrison Hotel, Clearwater, Fla., May 5, 6, and 7, 1965. Papers are desired in the areas of microwave, acoustics, microwave components for phased arrays and for space applications, active and passive microwave solid-state devices, components and techniques for millimeter through optical frequencies, and on all other activities within the field of microwave theory and techniques.

1) Summaries suitable for publication in a Symposium digest must be submitted; they must consist of no less than two and no more than four double-spaced typewritten pages, on standard  $8\frac{1}{2}'' \times 11''$  paper, with 1" minimum margins; in addition, no more than six (6) figures may be submitted. One copy each of the figures must be reproducible; in the case of photographs, one copy of each must be an  $8'' \times 10''$  glossy print. *If possible, authors should submit ten (10) copies of each summary, including figures.* This will facilitate speedy review by the program committee.

2) In addition, authors should submit three copies of abstracts consisting of no less than  $\frac{3}{4}$  page and no more than  $1\frac{1}{2}$  pages of double-spaced typewritten copy, on standard  $8\frac{1}{2}'' \times 11''$  paper. No figures are to be included in the abstract.

3) Authors and their affiliations should be identified at the heading of both summary and abstract.

4) Authors are requested to pay close attention to these instructions on length of copy. Full-length papers will not be read by the Program Committee, and inadequate information will result in a rejected paper.

5) Mail summaries and abstracts simultaneously to

John E. Pippin, *Chairman*  
Technical Program Committee  
Sperry Microwave Electronics Company  
P.O. Box 1828  
Clearwater, Fla.

6) Deadline for receipt of abstracts and summaries is November 15, 1964.

7) Authors will receive acceptance or rejection notices by January 2, 1965.

### Special Issue of IEEE PROCEEDINGS on Radar Reflectivity Planned

A forthcoming special issue of PROCEEDINGS will be devoted to the field of radar reflectivity and is planned for the summer of 1965. Outstanding papers covering the state-of-the-art and the most significant recent contributions in the field of radar reflectivity are being sought for this special publication.

The frequency domain to be emphasized comprises the conventional radar frequencies (roughly, between 0.3 and 100 GHz). However, there is some interest also in frequencies below that range (VHF, LF, etc.) and above it (optical frequencies).

Original papers pertaining to the following categories are requested.

1) Unusual or outstanding experimental facilities for the measurement of radar reflectivity, with examples of experimental results.

2) Special measurement problems and techniques (e.g., measurement of polarization, phase, very small radar cross sections, extended objects, plasmas, absorbers).

3) Correlation and comparison of results obtained by calculation with test results obtained by one or several different experimental techniques, including static, quasi-static, and dynamic testing.

4) Any other topics thought to be suitable for inclusion in this issue. In addition, it is planned to publish a number of directly invited papers of a tutorial nature.

Two kinds of papers will be considered for publication.

1) Contributions of reasonably broad impact described in full length papers.

2) Contributions of limited impact described in brief monographs not exceeding 2000 words (corresponding approximately to two pages in PROCEEDINGS). Expanded versions of such monographs can be recommended for later publication in the TRANSACTIONS of the appropriate Groups. To facilitate the organization of the special issue, prospective authors are requested to contact the guest editor by November 1, 1964, indicating the subject and probable length of their contribution. Upon notification of acceptance of their paper, authors will be requested to submit an abstract within one month and complete manuscripts by March 1, 1965. Please direct all inquiries and correspondence to: P. C. Fritsch, Editor, Radar Reflectivity Issue of PROCEEDINGS OF THE IEEE, M.I.T. Lincoln Laboratory, Lexington, Mass. 02173.

**NOTICE OF MEETING**

The Conference on Electrical Insulation of the National Academy of Sciences-National Research Council, will hold its annual meeting at the Union Carbide Corporation, Parma Research Center, Cleveland, Ohio, on October 12, 13, and 14, 1964. For further information write to D. W. Thornhill, Staff Executive, Conference on Electrical Insulation, National Academy of Sciences, 2101 Constitution Ave., N.W., Washington, D. C.

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