

# Announcements

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## Call For Papers

### SPECIAL ISSUE ON COMPUTER-ORIENTED MICROWAVE PRACTICES

The IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES is planning to devote a special issue to computer-oriented microwave practices (COMP) to be published in March 1974. This second special issue on COMP (the first appeared in August 1969) will, it is hoped, focus on modeling of active and passive devices for use in computer-aided design. This topic encompasses the solution of field problems as well as circuit-oriented work and measurements.

Papers and short papers reporting new and significant developments in COMP are solicited. Computer program descriptions are also solicited.

Contributions are solicited in the following areas but need not be limited to them.

- 1) Modeling (active and passive microwave devices, including solution of field problems, e.g., diodes, transistors, waveguides, junctions, etc.).
- 2) Analysis (general or special-purpose network analysis programs, incorporating microwave circuit elements and models).
- 3) Optimization (new algorithms, new applications of existing algorithms).
- 4) Sensitivity (efficient computation of sensitivities for optimal design, tolerance analysis and optimization, etc.).
- 5) Measurements (integration of automated microwave measurements with design, measurements for device modeling, etc.).
- 6) Program descriptions.

Length and style for papers and short papers should conform to the "Information for Authors" published in this TRANSACTIONS. Computer program descriptions should conform to the "Information on Computer Program Descriptions" also published in this TRANSACTIONS. Three copies of each complete manuscript should be submitted for review no later than July 2, 1973 to the Guest Editor:

Dr. J. W. Bandler  
Dep. Elec. Eng.  
Hamilton, Ont., Canada

Further information can also be obtained from the Associate Guest Editor:

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