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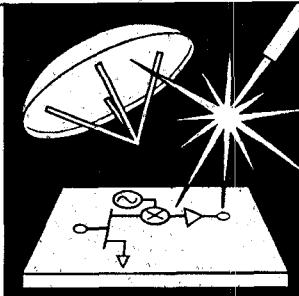
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# 1990 IEEE MTT-S International Microwave Symposium

May 8-10, 1990  
Dallas, Texas

MERGING TECHNOLOGIES FOR THE '90s



## FIRST CALL FOR PAPERS

The 1990 IEEE MTT-S International Microwave Symposium theme is "Merging Technologies for the 90's." To emphasize this trend, the Microwave Symposium will be held jointly with the IEEE Antennas and Propagation/International Union of Radio Science (URSI) Symposium. Because of the early Symposium date (May 8-10, 1990), please make special note of the paper submission deadline. To allow the presentation of papers in the format best suited to each, the program will consist of three categories of papers: full length, short, and open forum. Full length papers report results of significant advances in microwave technology. Short papers are typically a refinement in the state of the art. The open forum provides an opportunity for authors to present theoretical and experimental material in poster format, display hardware, perform demonstrations, and answer questions in an informal atmosphere. The Technical Program Committee will try to abide by the preferences of authors but reserves the right to place the paper in the category it considers most appropriate.

Papers are solicited describing original work in the microwave field. A list of suggested topics is given below, but papers concerned with other aspects of microwave theory and techniques will be considered.

1. Microwave Superconductivity
2. Biological Effects and Medical Applications
3. Computer Aided Design
4. Solid State Devices and Circuits
5. Microwave Systems
6. Computational Microwave Techniques
7. Microwave Acoustics
8. Microwave and Millimeter Wave Packaging
9. Lightwave Technology
10. Low Noise Techniques
11. Opto-Electronics Technology
12. Microwave and Millimeter Wave Integrated Circuits
13. Communication Systems
14. Field and Network Theory
15. Passive Components
16. Phased and Active Array Techniques
17. Submillimeter Wave Techniques and Devices
18. High Power Devices and Systems
19. Measurement Theory and Techniques
20. Manufacturing Methods
21. Other (Suggested Topics)

A prospective author is required to submit:

1. 15 copies of a 500-1,000 word summary with supporting illustrations which should include a concise statement of what is new and the potential application.
2. 10 copies of a 30-50 word abstract.
3. A separate sheet with the complete mailing address of the author and a statement categorizing the submitted paper as full length, short, or open forum and specifying the number of the topic area they wish to present their papers in. Submissions must be received by November 14, 1989. Late submissions will be returned unreviewed.

**Mail submissions to:** Tatsuo Itoh/Randall Lehmann  
c/o LRW Associates  
1218 Balfour Drive  
Arnold, MD 21012

Authors will be notified of the status of their submissions by January 5, 1990. Authors of accepted papers will receive copyright release forms and instructions for publication and presentation.

**Final manuscripts will be required in early February 1990.**

**Note:** Authors are cautioned to obtain all required company & government clearances prior to submittal. A statement signed by the authors stating that such clearances have been obtained must accompany the final manuscripts of papers to be published in the Symposium Digest.