CALL FOR PAPERS

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

MICROWAVE THEORY AND TECHNIQUES SOCIETY

IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES

SPECIAL ISSUE

on

QUASI-PLANAR MILLIMETER-WAVE COMPONENTS AND SUBSYSTEMS

Recent progress in quasi-planar millimeter-wave components is attributed to significant advances in integrated finline technology. In addition, innovative design techniques utilizing other forms of planar transmission lines have led to millimeter-wave subsystems with a high level of integration.

MTT-S Technical Committees MTT-6, on Microwave and Millimeter-Wave Integrated Circuits, and MTT-15, on Microwave Field Theory, are jointly sponsoring a Special Issue on Quasi-Planar Millimeter-Wave Components and Subsystems, to be published in October 1988. The objective is to present the current state of the art and future trends in the field. Topics of particular interest include, but are not limited to, the following areas:

- Propagation characteristics of quasi-planar transmission lines, including finlines and other planar lines
- Theoretical and experimental characterization/modeling of uniform, tapered, and discontinuity structures
- New concepts in the design of active and passive components
- High-level integration of components and subsystems
- Other related topics in integrated finline technology

Dr. Arvind K. Sharma of RCA Laboratories and Dr. James C. Wiltse of the Georgia Institute of Technology will be guest editors of this Special Issue. Prospective authors are requested to submit five copies of the manuscript describing original work in the above areas by January 15, 1988, to:

Dr. Arvind K. Sharma, Guest Editor
MTT Special Issue
RCA Laboratories
David Sarnoff Research Center
Princeton, NJ 08540, USA

Tel: (609) 734-2387