CALL FOR PAPERS

1980 ACM SYMPOSIUM ON
THEORY OF COMPUTING

The Twelfth Annual ACM Symposium on Theory of Computing (STOC), sponsored by the ACM Special Intere Group for Automata and Computability Theory, will be held in Los Angeles, California, April 28-30, 198 Papers describing original research in the theoretical aspects of computer science are being sought.

TOPICS
Typical, but not exclusive, topics of interest include: *Analysis of Algorithms, Automata and Formal Language Computational Complexity, Formal Semantics and Proof Theory, Mathematical Aspects of Programmii Languages, Mathematics of Computation, Theoretical Studies of Computer Systems, Theory of Data Bases ai Data Structures, Theory of Parallel and Asynchronous Computation.*

PAPER SUBMITTAL
Authors are requested to send nine copies of a detailed abstract (not a full paper) by November 30, 1979 the Program Chairman:

> Dr. Raymond E. Miller
> IBM Thomas J. Watson Research Center
> P. O. Box 218
> Yorktown Heights, NY 10598

The abstract must provide sufficient detail to allow the program committee to apply uniform criteria f acceptance, and should include appropriate references and comparisons with extant work. A limit of five to t typewritten pages is suggested.

Authors will be notified of acceptance or rejection by January 11, 1980. For inclusion in the Symposiu Proceedings, a copy of each accepted paper, typed on special forms, will be due at the above address I February 18, 1980.

MEETING FORMAT
This year it is expected that a somewhat larger number of papers will be accepted than in the past, due to tl steadily increasing number of papers being submitted. To accomplish this, the Program Committee will consid revisions in the meeting format, possibly having three full days of sessions.

Each accepted paper will be assigned a short (10-15 minute) or a long (20-25 minute) time period f presentation. Authors are requested to specify which length they prefer, and in case a long presentation preferred, whether a short talk is feasible. The length of presentation will not influence acceptance, be noted the proceedings, or affect the page allocation for the written paper.

The Program Committee consists of B. S. Baker, A. K. Chandra, R. E. Miller, C. H. Papadimitriou, W. J. Savitc R. Sethi, L. Snyder, R. Statman, and L. G. Valiant.

The Local Arrangements Chairman is:

> Professor Seymour Ginsburg
> Computer Science Department
> Salvatori Computer Science Center
> University of Southern California
> Los Angeles, California 90007