

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 Interest Group for Automata and Computability Theory, will be held in Los Angeles, California, April 28-30, 1980. 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 Theory, Computational Complexity, Formal Semantics and Proof Theory, Mathematical Aspects of Programming Languages, Mathematics of Computation, Theoretical Studies of Computer Systems, Theory of Data Bases and 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 to 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 for acceptance, and should include appropriate references and comparisons with extant work. A limit of five to ten typewritten pages is suggested.

Authors will be notified of acceptance or rejection by January 11, 1980. For inclusion in the Symposium Proceedings, a copy of each accepted paper, typed on special forms, will be due at the above address by 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 the steadily increasing number of papers being submitted. To accomplish this, the Program Committee will consider 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 for presentation. Authors are requested to specify which length they prefer, and in case a long presentation is preferred, whether a short talk is feasible. The length of presentation will not influence acceptance, be noted in 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. Savitch, 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
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