CALL FOR PAPERS
1981 ACM SYMPOSIUM ON
THEORY OF COMPUTING

The Thirteenth ACM Symposium on Theory of Computing (STOC), sponsored by the ACM Special Interest Group for Automata and Computability Theory, will be held in Milwaukee, Wisconsin, on May 11 - 13, 1981. 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 Languages, Computational Complexity, Complexity Theory of Cryptography, 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 21, 1980 to the Program Chairman:

> Professor Ronald L. Rivest
> NE43-804, Massachusetts Institute of Technology
> 545 Technology Square
> Cambridge, MA 02139

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 12, 1981. 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, 1981. Authors of accepted papers will be expected to sign a copyright release form.

MEETING FORMAT

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 R. DeMillo, D. Dobkin, R. Karp, L. Landweber, S. Muchnick C. Papadimitriou, R. Rivest, A. Salomaa, and R. Statman.

The Local Arrangements Chairman is:

> Professor George Davida
> Department of E.E.C.S.
> University of Wisconsin
> Milwaukee, Wisconsin 53201