CALL FOR PAPERS
1983 ACM SYMPOSIUM ON
THEORY OF COMPUTING

The Fifteenth ACM Symposium on Theory of Computing (STOC), sponsored by the ACM Special Interest Group for Automata and Computability Theory, will be held in Boston, Massachusetts, on April 25-27, 1983. Papers describing original research in the theoretical aspects of computer science are being sought.

TOPICS

Typical, but not exclusive, topics of interest include: Algorithms and Data Structures, Automata and Formal Languages, Computability and Complexity Theory, Models of Computation, Semantics and Logics of Programs, Theory of Data Bases, Theory of Logical Design and Layout, Theory of Parallel and Asynchronous Computation.

PAPER SUBMITTAL

Authors are requested to send ten copies of a detailed abstract (not a full paper) by November 19, 1982 to the Program Chairman:

> David S. Johnson
> Room 2C-355
> Bell Laboratories
> Murray Hill, NJ 07974

Abstracts must describe the original research presented, and its relation to extant work, in sufficient detail to allow the program committee to apply uniform criteria for acceptance. They should not exceed 2500 words in length -- roughly ten double-spaced typewritten pages (not counting figures). Submissions that arrive late or deviate from the prescribed format risk rejection without consideration of their merits.

Authors will be notified of acceptance or rejection by January 14, 1983. 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, 1983. All authors of accepted papers will be expected to sign copyright release forms.

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 invited to specify which length they prefer, but the decision will be made by the Program Committee in a way felt to promote the quality of the program as a whole. 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 Ronald Fagin, Michael L. Fredman, David Harel, David S. Johnson, Richard M. Karp, Nancy Lynch, Christos H. Papadimitriou, Ronald L. Rivest, Walter L. Ruzzo, and Joel Seiferas.

The Local Arrangements Chairman is:

> Professor Albert Meyer
> MIT Laboratory for Computer Science
> NE43-801
> 545 Technology Square
> Cambridge, MA 02139