1979 ACM Symposium on

Theory of Computing

CALL FOR PAPERS

The Eleventh Annual ACM Symposium on Theory of Computing (STOC), sponsored by the ACM Special Interest Group for Automata and Computability Theory, will be held in Atlanta, Georgia, April 30 - May 2, 1979. Papers describing original research in the formal analysis of computing problems are being sought.

Typical, but not exclusive, topics of interest include:

> *Analysis of Algorithms*
> *Automata and Formal Languages*
> *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*

Authors are requested to send eight copies of a detailed abstract (not a full paper) by December 1, 1978 to the Program Chairman:

> Professor Michael J. Fischer
> Department of Computer Science, FR-35
> University of Washington
> Seattle, WA 98195

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 are requested to specify whether they are submitting their paper for a short (10-15 minutes) or a long (20-30 minutes) presentation, or for either. The appropriateness of the requested length of presentation to the subject matter of the paper will be a factor in selection, but all accepted papers will receive the same page allocation in the proceedings. The proceedings will not indicate the length of the presentation.

Authors will be notified of acceptance or rejection by January 12, 1979. 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 19, 1979.

The Program Committee consists of A. Borodin, M. J. Fischer, S. A. Greibach, M. A. Harrison, D. S. Johnson, N. Pippenger, V. R. Pratt, and L. Snyder.

The Local Arrangements Chairmen are:

> Professors Richard A. DeMillo and Nancy A. Lynch
> School of Information and Computer Science
> Georgia Institute of Technology
> Atlanta, GA   30332