18th ANNUAL IEEE SYMPOSIUM ON

FOUNDATIONS OF COMPUTER SCIENCE

CALL FOR PAPERS

The Eighteenth Annual Symposium on Foundations of Computer Science, sponsored by the IEEE Computer Society Technical Committee on Mathematical Foundations of Computing, in cooperation with the ACM Special Interest Group on Automata and Computability Theory, and Brown University, will be held in Providence, Rhode Island on October 31-November 2, 1977. Papers describing original research in the theoretical aspects of computer science are being sought. Typical, but not exclusive, topics of interest include:

Analysis of Algorithms

Computational Complexity

Formal Languages and Semantics

Mathematical Theory of Computation

Switching and Automata Theory

Theoretical Studies of Computer Systems

Theory of Programming and Compiling

Authors are requested to send seven copies of a detailed abstract (not a complete paper) by May 16, 1977 to the Program Chairman:

> Professor Paul Young
> Department of Computer Science
> Purdue University
> Lafayette, Indiana 47907

The abstract must provide sufficient detail to allow the program committee to apply uniform criteria for evaluation, and should include appropriate references and comparisons with extant work. It is strongly suggested that abstracts be limited to between five and ten typewritten pages, as each member of the program committee reads each abstract.

Authors will be notified of acceptance or rejection by June 28, 1977. For inclusion in the Conference Record, a copy of each accepted paper, typed on special forms, will be due at the above address by August 16, 1977.

The Program Committee consists of S. Graham, S. Greibach, N. Lynch, R. Rivest, W. Rounds, S. Winograd, and P. Young.

Local arrangements for the symposium are being handled by Professor John Savage, Brown University.