



# CALL FOR PAPERS

## 1986 ACM SYMPOSIUM ON THEORY OF COMPUTING

The Eighteenth Annual ACM Symposium on Theory of Computing, sponsored by the ACM Special Interest Group for Automata and Computability Theory, will be held in Berkeley, California on May 28-30, 1986. Papers presenting original research on theoretical aspects of computer science are being sought. Typical, but not exclusive, topics include:

- Algorithms and Data Structures
- Computability and Complexity Theory
- Logic and Correctness of Programs
- Theory of Data Bases
- Theory of Formal Languages and Automata
- Theory of Logical Design and Layout
- Models of Computation
- Parallel and Distributed Computation
- Semantics of Programming Languages
- Cryptography

### PAPER SUBMITTAL

Authors should send ten copies of a detailed abstract (not a full paper) by December 2, 1985 to the program committee chairman:

Juris Hartmanis  
Department of Computer Science  
405 Upson Hall  
Cornell University  
Ithaca, NY 14853

The abstract must provide sufficient detail to allow the program committee to assess the merits of the paper, and should include appropriate references and comparisons with extent work. The abstract should be at most ten double-spaced typed pages (about 2,500 words) in length. Submissions that arrive late or that deviate from the prescribed format risk rejection without consideration of their merits.

The program committee consists of M.J. Fischer, M.R. Garey, J. Hartmanis, N. Immerman, M.M. Klawe, S. Micali, R. Parikh, F.P. Preparata, R. Sedgewick and A. Wigderson.

Authors will be notified of acceptance or rejection by January 31, 1986. A copy of each accepted paper, typed on special forms for inclusion in the symposium proceedings, will be due by March 17, 1986.

### MEETING FORMAT

The format of the meeting, including time allocations for presentations, will be determined by the program committee. Authors having a preference for a short (10-15 minute) or a long (20-25 minute) presentation should express it at the time of submission. Such a preference will not influence acceptance, and time allocation will not be noted in the proceedings or affect the space allocation for the paper.

The local arrangements chairman is:

Eugene Lawler  
Computer Science Division  
591 Evans Hall  
University of California  
Berkeley, CA 94720