



## CALL FOR PAPERS

### 1989 ACM SYMPOSIUM ON THEORY OF COMPUTING

**May 15-17, 1989  
Seattle, Washington**

The Twenty-First Annual ACM Symposium on Theory of Computing, sponsored by the ACM Special Interest Group for Automata and Computability Theory, will be held in Seattle, in the state of Washington, May 15-17, 1989. Papers presenting original research on theoretical aspects of Computer Science are sought. Typical, but not exclusive, topics of interest include the theories of:

- Algorithms and data structures
- Computability and complexity
- Computational geometry
- Cryptography
- Databases and knowledge bases
- Logics of programs
- Parallel and distributed computation
- Robotics
- Semantics of programming languages
- VLSI, layout, and logical design

#### Submission of Abstracts

Authors are requested to send twelve copies of a detailed abstract (not a full paper) by Nov. 14, 1988 to:

Christos H. Papadimitriou  
Dept. of Computer Science and Engineering, C-014  
University of California at San Diego  
La Jolla, California 92093

Abstracts should contain sufficient detail, as well as references to and comparisons with relevant extant work, to enable program committee members to appreciate their merits. It is recommended that abstracts start with a succinct statement of the problem and discussion of its significance and relevance to computation, appropriate for a non-specialist reader. A technical exposition, directed to the specialist, should follow. A limit of 10 double-spaced pages (about 12,000 bytes) is placed on all abstracts.

Abstracts that significantly deviate from these guidelines risk rejection without consideration of their merits. Abstracts not received by the November 14 deadline (and not mailed by air, postmarked before Nov. 7) **will not be considered**. The program committee consists of Fan Chung, Cynthia Dwork, Faith Fich, Shafi Goldwasser, Debbie Joseph, Maria Klawe, Nancy Lynch, Christos Papadimitriou, Vijaya Ramachandran, Éva Tardos, Avi Wigderson, and Frances Yao.

Authors will be notified of acceptance or rejection by Jan. 20, 1989. A copy of each accepted paper is required by March 6, 1989. These copies may be either on special forms (model pages), which will be sent to the authors, or typeset as reduced-size (8 1/2 x 11) model pages. Authors who do not need the model pages are requested to make note of that fact in the letter of submittal.

#### Local Arrangements

Information about local arrangements can be obtained from the conference chairman:

Richard E. Ladner  
Department of Computer Science, FR35  
University of Washington  
Seattle, Washington 98195