CALL FOR PAPERS

1988 ACM SYMPOSIUM ON
THEORY OF COMPUTING

The Twentieth Annual ACM Symposium on Theory of Computing, sponsored by the ACM Special Interest Group for Automata and Computability Theory, will be held in Chicago, Ill., May 2–4, 1988. 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 ten copies of a detailed abstract (not a full paper) by Nov. 1, 1987 to the program committee chairman:

Jeffrey D. Ullman
Dept. of Computer Science, Bldg. 460
Stanford Univ.
Stanford, CA 94305

The abstract must provide sufficient detail to allow the program committee to assess the merits of the paper and should include appropriate references to and comparisons with extant work. It is recommended that each submission begin with a succinct statement of the problem, a summary of the main results, and a brief explanation of the significance and relevance to computing of the work, all suitable for a nonspecialist. Technical development of the work, directed to the specialist, should follow. A limit of 12,000 bytes (about 10 typed, double-spaced pages) is placed on submissions.

Abstracts that deviate significantly from these guidelines, risk rejection without consideration of their merits. Also, abstracts that are not postmarked by the Nov. 1 deadline **will not be considered.**

The program committee consists of Richard Cole, Herbert Edelsbrunner, Ron Fagin, Greg Frederickson, Nancy Lynch, Andrew Odlyzko, John Reif, Martin Tompa, Jeff Ullman, and Andy Yao.

Authors will be notified of acceptance or rejection by Jan. 7, 1988. A copy of each accepted paper is required by Feb. 22, 1988. These copies may be either on special forms (model pages), which will be sent to the authors, or typeset as reduced-size (8½ × 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:

Janos Simon
Dept. of Computer Science
Univ. of Chicago
Chicago, IL 60637