Call for Papers

1986 IEEE Symposium on Foundations of Computer Science

The 27th Annual IEEE Symposium on Foundations of Computer Science, sponsored by the Computer Society's Technical Committee on Mathematical Foundations of Computing, will be held in Toronto, Ontario, Canada, on October 27-29, 1986. Papers presenting original research on theoretical aspects of computer science are being sought.

Suggested Topics—typical, but not exclusive, include:

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

Submission of papers: Authors should send nine copies of a detailed abstract (*not* a full paper) by May 5, 1986, to the Program Committee Chair:

John E. Hopcroft
Department of Computer Science
Cornell University
311 Upson Hall
Ithaca NY 14853

Authors will be notified of acceptance or rejection by June 23, 1986. A copy of each accepted paper, typed on special forms for inclusion in the symposium proceedings, will be due by August 11, 1986.

IMPORTANT: Because a large number of submissions is anticipated, authors are advised to prepare their detailed abstracts carefully. It is recommended that each submission begin with a succinct statement of the problem, a statement of the main results, and an explanation of the significance that is suitable for a general research audience. Technical development of the work, directed to the specialist, should follow as appropriate. In any case, the entire extended abstract, with comparison to extant work, should not exceed 2,500 words (10 typed double-spaced pages). *Submissions arriving later or departing significantly from these guidelines risk rejection without consideration of their merits.*

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 long (20-30 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. If submissions warrant, the committee will compose a program of parallel sessions.

Machtey Award for Best Student Paper: This award of up to $400, to help defray expenses for attending the symposium, will be given for that paper which the Program Committee judges to be the most outstanding paper written solely by a student or students. To be considered for the award, an abstract must be accompanied by a letter identifying all authors as full-time students at the time of submission. (At its discretion, the Committee may decline to make the award or may split the award among two or more papers.)

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