CALL FOR PAPERS
28th FOCS Symposium

The 28th Annual IEEE Symposium on Foundations of Computer Science will be held at the Marina Beach Hotel in Los Angeles, California on October 12--14, 1987. The Symposium is sponsored by the IEEE Computer Society's Technical Committee on Mathematical Foundations of Computing in cooperation with the University of Southern California.

Papers presenting original research on theoretical aspects of computer science are being sought. Suggested topic areas include:

Algorithms and Data Structures	Logic of Programs
Computability and Complexity Theory	Parallel and Distributed Computing
Cryptography	Robotics and Machine Learning
Data Bases	Semantics of Programming Languages
Formal Languages and Automata	VLSI Computation and Design

Persons wishing to submit a paper should send 15 copies of a detailed abstract by APRIL 6, 1987 to the Program Committee Chair (address below).

Authors will be notified of acceptance or rejection by June 8, 1987. A final copy of each accepted paper, typed on special forms for inclusion in the Symposium Proceedings, will be due by July 27, 1987.

IMPORTANT. Because of the large number of submissions anticipated, authors are advised to prepare their abstracts carefully and to submit them on time. In order to be considered, an abstract must be airmail postmarked by April 6, 1987 or be received by April 13, 1987. THESE DEADLINES WILL BE STRICTLY ENFORCED. Additions and/or revised abstracts received after these deadlines will not be considered.

Submission Format: To facilitate reading by the program committee, it is strongly recommended that each submission begin with a succinct statement of the problems that are considered in the paper, the main results that are achieved, and an explanation of the significance of the work as well as its relevance to past research. This material should be readily understandable by non- specialists. Technical development of the work, directed to the specialist, should follow as appropriate. The entire extended abstract should not exceed 2,500 words (10 double-spaced pages). NOTE: Papers that deviate significantly from these guidelines risk rejection without consideration of their merits.

Meeting Format: Authors of accepted papers will be expected to present their work at the Symposium. The format of the meeting, including time allocations for presentations and scheduling of sessions, will be determined by the Program Committee. 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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