

## 24th FOCS Symposium Call For Papers

### 1983 IEEE Symposium on Foundations of Computer Science

The 24th 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 Tucson, Arizona on November 7-9, 1983. Papers presenting original research on theoretical aspects of computer science are being sought.

**Suggested Topics:** Typical, but not exclusive, topics include:

Algorithms and Data Structures	Theory of Formal Languages and Automata
Computability and Complexity Theory	Theory of Logical Design, Layout and VLSI
Cryptography	Models of Computation
Theory of Data Bases	Semantics of Programming Languages

**Submission of papers:** Authors should send ten copies of a detailed abstract (not a full paper) by May 9, 1983 to the Program Committee Chairman:

Professor Lawrence Snyder  
Department of Computer Sciences  
Mathematical Sciences Building  
Purdue University  
West Lafayette IN 47907

Authors will be notified of acceptance or rejection by July 13, 1983. A copy of each accepted paper, typed on special forms for inclusion in the symposium proceedings, will be due by September 9, 1983.

#### IMPORTANT

Because a large number of submissions is anticipated, authors are advised to prepare their detailed abstract carefully. It is recommended that each submission begin with a succinct statement of the problem, a statement of the main result(s) and an explanation of their 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 2500 words (ten typed double-spaced pages). Submissions 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 (20-25 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.

**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 adjudges 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.)

#### Symposium Committees

##### Program

Manuel Blum	J. Ian Munro
Zvi Galil	W. Larry Ruzzo
Oscar Ibarra	Larry Snyder
Dexter Kozen	Richard Statman
Gary Miller	Robert Tarjan

##### Local Arrangements

Peter J. Downey  
Department of Computer Science  
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