1993 Symposium on Foundations of Computer Science

Call for Papers

The Thirty-fourth Annual *Symposium on Foundations of Computer Science (FOCS)*, sponsored by the *IEEE Computer Society Technical Committee on Mathematical Foundations of Computing*, will be held in Palo Alto, California, November 3-5, 1993. Papers presenting original research on theoretical aspects of computer science are sought. Typical but not exclusive topics of interest include: algorithms and data structures, computability and complexity, computational geometry, cryptography, databases, logics of programs, machine learning, parallel and distributed computation, probabilistic algorithms, robotics, semantics of programming languages, and VLSI layout and design.

Abstract submission: Authors are requested to send seventeen (17) copies (*two sided copies are strongly suggested*) of an extended abstract (not a full paper) to be received by 4:00 pm Friday, May 14, 1993 to:

> Leonidas J. Guibas
> FOCS 93 Program Chair
> Margaret Jacks Hall – Building 460
> Computer Science Department
> Stanford University
> Stanford, CA 94305-2140 USA

Authors from locations where access to reproduction facilities is severely limited may submit a single copy.

An abstract should start with a cover page giving the title of the paper, the authors' name and affiliation, and a one-paragraph summary of the results to be presented. If available, an e-mail address for the contact author should be included. This cover page should be followed by a succinct statement of the problem, the results achieved, their significance, and a comparison with previous work, all in a manner understandable to nonspecialists. A technical exposition directed to the specialist should complete the abstract. The length, excluding cover page and bibliography, but including figures, should not exceed 10 pages. The type should be easy to read, using an 11 pt or larger font with margins on all four sides of at least 1 1/4 inches per side on U.S. standard 8 1/2 by 11 inch paper (Authors from other countries can deviate from these guidelines but should adhere to the spirit of readability). If authors believe that more details are necessary, they may include a clearly marked appendix that will be read at the discretion of the Program Committee. Abstracts deviating significantly from these guidelines **will be** rejected without regard to merit.

An abstract must be received by May 14 (or postmarked by May 4 and sent airmail). This is a **firm** deadline. Simultaneous submission of the same abstract to FOCS and to another conference with published proceedings is not allowed.

Notification: Authors will be notified of acceptance or rejection by a letter mailed on or before July 12, 1993. A final copy of each accepted paper is required by August 27, 1993. Again this is a **firm** deadline. The copy may be either on special forms, which will be sent to the authors, or typeset on 8 1/2 by 11 inch pages. An author of each accepted paper must attend the Symposium and present the paper, or make alternative arrangements to have it presented.

Machtey award: This prize will be given to the best paper written solely by one or more students. An abstract is eligible if all authors are full-time students at the time of submission. This should be indicated in the submission letter. The program committee may decline to make the award, or may split it among several papers.

Committee members: The program committee consists of Richard Anderson, David Eppstein, Ronald Fagin, Leonidas Guibas, Mauricio Karchmer, Michael Kearns, Rao Kosaraju, Dexter Kozen, Stephen Mahaney, Nimrod Megiddo, Rajeev Motwani, Prabhakar Raghavan, Muli Safra, Umesh Vazirani, Orli Waarts, and Emo Welzl.

Information about local arrangements can be obtained from the Local Arrangements Chairman:

> Andrei Broder
> DEC Systems Research Center

130 Lytton Ave
Palo Alto, CA 94301