Call for Papers

42nd Annual IEEE Symposium on Foundations of Computer Science

Las Vegas, Nevada
October 14-17, 2001

The 42nd Annual Symposium on Foundations of Computer Science (FOCS 2001), sponsored by the IEEE Computer Society Technical Committee on Mathematical Foundations of Computing, will be held in Las Vegas, Nevada on October 14-17, 2001. Papers presenting original research on foundational aspects of computer science are sought. Typical but not exclusive topics of interest include: algorithms and data structures, computational complexity, cryptography, computational geometry, algorithmic graph theory and combinatorics, parallel and distributed computing, machine learning, applications of logic, algorithmic algebra and coding theory, theoretical aspects of databases, information retrieval, and networks, computational biology, robotics and quantum computing. More information on the conference is available on the FOCS 2001 web site: http://theory.stanford.edu/focs2001.

IMPORTANT DATES:

Submission deadline: Friday April 27, 2001 (must be RECEIVED by 17:59 EDT)

Notification: Accept/reject decisions will be made by July 6, 2001.

Final versions: Final versions of accepted papers due August 10, 2001 (note the early date).

Abstract submission: Authors are encouraged to submit their extended abstracts electronically. A description of the electronic submission process will be available at http://theory.stanford.edu/focs2001. Authors who do not wish to submit electronically must submit sixteen printed copies (double-sided preferred) of an extended abstract, together with a cover letter to:

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Moni Naor
FOCS'2001 Program Chair
Department of Computer Science
Stanford University
Stanford, CA 94305-9045
USA
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To facilitate notification, authors submitting printed copies should also send an e-mail to focschair@theory.stanford.edu indicating that they are submitting in this manner. The abstract, in either form, MUST be received by 17:59 EDT April 27, 2001. Late submissions will be rejected. Simultaneous submission of the same (or essentially the same) abstract to FOCS and to another conference with published proceedings is not allowed!

Abstract format: Authors should submit an extended abstract (not a full paper). The submission should contain a scholarly exposition of ideas, techniques, and results, including motivation and a clear comparison with related work. The length should not exceed ten (10) letter-sized pages (not including the bibliography, and using 11 point or larger font, with ample spacing and margins all around). More details may be given in an appendix, but any material beyond the 10-page limit may be ignored at the discretion of the Program Committee. Abstracts deviating significantly from these guidelines risk rejection without consideration of their merits.
Notification: Authors will be sent notification of acceptance or rejection by e-mail on or before July 6, 2001. A final copy of each accepted paper is required by August 10, 2001. This is again a firm deadline. 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 through the electronic submission process or by email to the program chair. The program committee may decline to make the award, or may split it among several papers.

Program Committee:

Susanne Albers	(Dortmund)
James Aspnes	(Yale)
Moses Charikar	(Google and Princeton)
Bernard Chazelle	(Princeton and NECI)
Cynthia Dwork	(Compaq SRC)
David Eppstein	(UC Irvine)
Jon Kleinberg	(Cornell)
Daniele Micciancio	(UC San Diego)
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Moni Naor (Chair)	(Weizmann, Stanford and IBM Alamden)
Ran Raz	(Weizmann and IAS)
Dana Ron	(Tel-Aviv)
Alistair Sinclair	(UC Berkeley)
D. Sivakumar	(IBM Almaden)
Madhu Sudan	(MIT)
Salil Vadhan	(Harvard)

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


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Lawrence L. Larmore and Wolfgang Bein
Dept of Computer Science
University of Nevada at Las Vegas
P.O. Box 454019
Las Vegas,  NV 89154-4019
larmore@earl.cs.unlv.edu, bein@egr.unlv.edu
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