CALL FOR PAPERS

23^{rd} conference on

FOUNDATIONS OF SOFTWARE TECHNOLOGY AND THEORETICAL COMPUTER SCIENCE

December 15–17, 2003

Indian Institute of Technology, Bombay, India

The Indian Association for Research in Computing Science, IARCS, announces the 23rd Annual **FSTTCS** Conference in Mumbai.

The FSTTCS conference is a forum for presenting original results in foundational aspects of Computer Science and Software Technology. The conference proceedings are published by Springer-Verlag as Lecture Notes in Computer Science (LNCS).

Authors are invited to submit papers presenting original and unpublished research in any area of *Theoretical Computer Science* or *Foundational aspects of Software Technology.* Representative areas include, but are not limited to:

Automata, Languages and Computability
Automated Reasoning, Rewrite Systems, and Applications
Combinatorial Optimization
Computational Geometry
Computational Biology
Complexity Theory
Concurrency Theory
Cryptography and Security Protocols
Database Theory and Information Retrieval
Data Structures
Graph and Network Algorithms
Implementation of algorithms
Logic, Proof Theory, Model Theory and Applications
Logics of Programs and Temporal Logics
New Models of Computation
Parallel and Distributed Computing
Programming language design
Randomized and Approximation Algorithms
Real-time and Hybrid Systems
Semantics of Programming Languages
Software Specification and Verification
Static Analysis and Type Systems
Theory of Functional and Constraint-based Programming

In addition, there will be workshops at IIT Bombay following FSTTCS '03 on some current areas of research (topics to be announced on the conference web page). The following two conferences on related areas will be also be held in Mumbai between 9 and 13 December 2003: International Conference on Logic Programming (ICLP '03) and ASIAN '03.

Submission Guidelines
Authors may submit drafts of full papers or extended abstracts. Submissions are limited to 12 pages in LNCS style (see the conference site for full details). Proofs omitted due to space constraints may be put into a clearly marked appendix.

Electronic submission is *very strongly recommended*. For details, please look at the **conference site:** `http://www.fsttcs.org`

For an accepted paper to be included in the proceedings, one of the authors must commit to presenting the paper at the conference.

Communication:

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Important Dates

Submission deadline:	**1 July 2003**
Notification:	**15 August 2003**
Final Version due:	**15 September 2003**

Conference Site: `http://www.fsttcs.org/`