Call for Papers

STACS 2005

**22nd International Symposium on
Theoretical Aspects of Computer Science**

Stuttgart, Germany

February 24–26, 2005

Conference Chair

Volker Diekert
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Web Site

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Scope: Authors are invited to submit papers presenting original and unpublished research on theoretical aspects of computer science. Typical areas include (but are not limited to):

- Algorithms and data structures, including: parallel and distributed algorithms, computational geometry, cryptography, algorithmic learning theory;

- Automata and formal languages;

- Computational and structural complexity;

- Logic in computer science, including: semantics, specification, and verification of programs, rewriting and deduction;

- Current challenges, for example: theory, models, and algorithms for biological computing, quantum computing, mobile and net computing.

Submissions: Authors are invited to submit a draft of a full paper with at most 12 pages. The title page must contain a classification of the topic covered, preferably using the list of topics above. The paper should contain a succinct statement of the issues and of their motivation, a summary of the main results, and a brief explanation of their significance, accessible to non-specialist readers. Proofs omitted due to space constraints must be put into an appendix to be read by the program committee members at their discretion. Submissions deviating from these guidelines risk summary rejection.

Only electronic submissions in postscript or pdf format are accepted, please follow the instructions on the conference web page.

In case of problems with this page please contact the organizers.

Important Dates:

Deadline for submission:	September 7, 2004
Notification to authors:	November 4, 2004
Final version:	December 6, 2004
Symposium:	February 24–26, 2005

Proceedings: Accepted papers will be published in the proceedings of the Symposium (Lecture Notes in Computer Science, Springer-Verlag). Simultaneous submission to other conferences with published proceedings is not allowed.