

# CALL FOR PAPERS

## STACS 2009

### 26th International Symposium on Theoretical Aspects of Computer Science

February 26-28, 2009; Freiburg, Germany

#### Program Committee

Susanne Albers, U Freiburg (co-chair)  
Andris Ambainis, U Latvia  
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Martin Skutella, TU Berlin  
Jeremy Spinrad, Vanderbilt U  
Kavitha Telikepalli, IISc Bangalore  
Thomas Wilke, U Kiel  
Philipp Woelfel, U Calgary

#### Invited Speakers

Monika Henzinger, EPFL Lausanne  
Jean-Éric Pin, CNRS & U Paris 7  
Nicole Schweikardt, U Frankfurt

#### Organizing Committee

Susanne Albers, U Freiburg  
Tobias Jacobs, U Freiburg  
Sonja Lauer, U Freiburg  
Tim Nonner, U Freiburg  
Alexander Souza, U Freiburg

#### Conference Address

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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Authors are invited to submit papers presenting original and unpublished research on theoretical aspects of computer science.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, algorithmic learning theory;
- Computational and structural complexity;
- Cryptography;
- Automata and formal languages;
- Logic in computer science, including: semantics, specification and verification of programs, rewriting and deduction;
- Current challenges, for example: computational biology, quantum computing, networks and mobile computing.

#### Submissions

Authors are invited to submit a draft of a full paper consisting of at most 12 pages (STACS style or similar - e.g. L<sup>A</sup>T<sub>E</sub>X article style, 11pt font on A4-sized paper). 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 rejection. Papers must be submitted electronically and should be formatted in PostScript or PDF.

Simultaneous submission to other conferences with published proceedings is not allowed.

Further details can be found on the submission page of the conference.

#### Proceedings

Accepted papers will be published in the proceedings of the Symposium. For the second time, these proceedings will take the form of an archive in the open access electronic repositories HAL and arXiv as well as on the Dagstuhl publication server DROPS. These gateways guarantee perennial, free and easy electronic access, while the authors retain the rights of their work. With their submission, authors consent to sign a license authorizing the program committee chairs to organize the electronic publication of their paper if it is accepted. Further details are available on [www.stacs-conf.org](http://www.stacs-conf.org) and on the conference website. Participants of the conference will receive a printed version of the proceedings.

#### Important Dates

Deadline for submission:	September 15, 2008 (23:59 CET)
Notification to authors:	November 19, 2008
Final version:	December 12, 2008
Symposium:	February 26-28, 2009