

---

# STACS 2007

24th International Symposium on Theoretical Aspects of Computer Science  
February 22–24, 2007, Aachen, Germany

---

## CALL FOR PAPERS

### Program Committee:

E. Asarin (Paris)  
C. Bazgan (Paris)  
M.-P. Béal (Marne-la-Vallée)  
G. S. Brodal (Aarhus)  
H. Fernau (Tübingen)  
R. Fleischer (Shanghai)  
R. Gavaldà (Barcelona)  
J. Giesen (Zürich)  
E. Hemaspaandra (Rochester)  
M. Hofmann (München)  
S. Laplante (Orsay)  
R. Raman (Leicester)  
R. Ramanujam (Chennai)  
C. Scheideler (München)  
A. Srivastav (Kiel)  
W. Thomas (Aachen, co-chair)  
P. Weil (Bordeaux, co-chair)

### Invited Speakers:

S. Abiteboul (Paris)  
M. Y. Vardi (Houston)  
D. Wagner (Karlsruhe)

### Organizing Committee:

W. Thomas (Aachen, chair)  
E. Grädel (Aachen)  
Ch. Löding (Aachen)  
P. Rossmanith (Aachen)  
B. Vöcking (Aachen)

### Conference Address:

STACS 2007  
c/o Prof. W. Thomas  
Lehrstuhl für Informatik 7  
RWTH Aachen  
Ahornstr. 55  
D-52074 Aachen, Germany  
email: [thomas@cs.rwth-aachen.de](mailto:thomas@cs.rwth-aachen.de)  
phone: +49 (241) 80-21700  
fax: +49 (241) 80-22215

**Scope:** Authors are invited to submit papers presenting original and unpublished research on theoretical aspects of computer science.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: 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 (LNCS style or similar — e. g. *L<sup>A</sup>T<sub>E</sub>X article* style, *11pt a4paper*). 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. Electronic submissions 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. Please follow the instructions given there. In case of problems please contact the organisers.

**Proceedings:** Accepted papers will be published in the proceedings of the symposium (Lecture Notes in Computer Science, Springer-Verlag). With their submission authors consent to sign the copyright form of Springer-Verlag if their paper is accepted.

### Important Dates:

Deadline for submission: September 17, 2006  
Notification to authors: November 22, 2006  
Final version: December 15, 2006  
Symposium: February 22–24, 2007