



SAT08



Call for Papers
11th International Conference on
Theory and Applications of Satisfiability Testing
May 12 - 15, Guangzhou, P. R. China
<http://www.upb.de/cs/SAT08>

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[Lintao Zhang](#), Microsoft Research, USA

Important Dates

January 11, 2008, *Abstract Submission*
January 18, 2008, *Paper Submission*
February 18, 2008, *Author Notification*
February 25, 2008, *Final Version*

The International Conference on Theory and Applications of Satisfiability Testing (SAT) is the primary annual meeting for researchers studying the propositional satisfiability problem. SAT 2008 is the eleventh SAT conference. SAT 2008 features the SAT Race, the Max-SAT Evaluation, and the QBFEVAL.

Many hard combinatorial problems can be encoded into SAT. Therefore improvements on heuristics on the practical side, as well as theoretical insights into SAT, apply to a large range of real-world problems. More specifically, many important practical verification problems can be rephrased as SAT problems. This applies to verification problems in hardware and software. Thus SAT is becoming one of the most important core technologies to verify secure and dependable systems. The topics of the conference span practical and theoretical research on SAT and its applications and include but are not limited to proof systems, proof complexity, search algorithms, heuristics, analysis of algorithms, hard instances, randomized formulae, problem encodings, industrial applications, solvers, simplifiers, tools, case studies and empirical results. SAT is interpreted in a rather broad sense: besides propositional satisfiability, it includes the domain of quantified boolean formulae (QBF), constraints programming techniques (CSP) for word-level problems and their propositional encoding and particularly satisfiability modulo theories (SMT).

Submissions should contain original material and can either be regular research papers up to 14 pages or short papers up to 6 pages. Double submissions including submissions as short and long papers will be rejected. Submissions should use the Springer LNCS style. All appendices, tables, figures and the bibliography must fit into the page limit. Submissions deviating from these requirements may be rejected without review.

All accepted papers including short papers will be published in the proceedings of the conference. The conference proceedings will be published within the Springer LNCS series. The paper submission page is <http://www.easychair.org/SAT2008>. Papers have to be submitted electronically as PDF files. Paper submissions are due by January 18, 2008.

SAT Race

Carsten Sinz
et al.

Max-SAT Evaluation

Josep Argelich
Chu Min Li
Felip Manyà
Jordi Planes

QBFEVAL

Massimo Narizzano
Luca Pulina
Armando Tacchella

Further information on SAT Race, Max-SAT Evaluation, and QBFEVAL will also be published on the SAT08 conference web page.

SAT08 is sponsored by National Science Foundation of China, Sun Yat-sen University, and University of Paderborn, additionally by Intel, Microsoft Research, and NEC (alphabetical list).