

C A L L F O R P A P E R S

14th International Conference on

Theory and Applications of Satisfiability Testing

SAT 2011

June 19–22

Ann Arbor, Michigan, U.S.A.

Conference Chairs

Karem A. Sakallah,
University of Michigan, USA

Laurent Simon,
University of Paris-Sud 11,
France

Important Dates

December 17, 2010
Workshop Proposals

February 11, 2011
Abstract Submission

February 18, 2011
Paper Submission

March 18, 2011
Author Notification

April 1, 2011
Final Version

SAT Competition

www.satcompetition.org/2011

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Matti Järvisalo
Olivier Roussel

PB Evaluation

www.cril.univ-artois.fr/PB11

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MAX-SAT Evaluation

maxsat.ia.udl.cat

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Toby Walsh, University of New South Wales, Australia
Xishun Zhao, Sun Yat-Sen University, China

Associated Workshops: June 18 and June 23

<http://www.lri.fr/SAT2011/>

Call for Papers

The International Conference on Theory and Applications of Satisfiability Testing (**SAT**) is the primary annual meeting for researchers studying the propositional satisfiability problem. **SAT 2011** is the fourteenth SAT conference and features the **SAT competition**, the **Pseudo-Boolean evaluation**, and the **MAX-SAT evaluation**.

Many hard combinatorial problems can be encoded as SAT instances, including problems that arise in hardware and software verification, AI planning and scheduling, OR resource allocation, etc. The theoretical and practical advances in SAT research over the past dozen years have contributed to making SAT technology an indispensable tool in many of these domains. The SAT conference aims to further advance the field by soliciting original theoretical and practical contributions on a wide range of topics including, but 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 up to 14 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 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/conferences/?conf=sat11>. Papers have to be submitted electronically as PDF files.

Call for Workshops Proposals

Researchers and practitioners are invited to submit proposals for associated workshops on related topics. Workshops will have to be financially self-supporting. Proposals should consist of two parts. First, a short scientific justification of the proposed topic, its significance, and the particular benefits of the workshop to the community, as well as a list of previous or related workshops (if relevant). A second, organizational part should include contact information of the workshop organizers, procedures for selecting papers and participants, estimate of the audience size and a tentative list of the program committee. Proposals are due by December 17, 2010, and must be submitted electronically as a PDF files, by email, to both SAT Conference Chairs: karem@umich.edu and Laurent.Simon@lri.fr.

