FIRST CALL FOR PAPERS
Workshop on Theory and Applications of Quantified Boolean Formulas

June 18 or 19, 2001, Siena, Italy

Part of IJCAR 2001

http://www.kr.tuwien.ac.at/qbf2001/

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Important Dates
Submission: March 24, 2001
Notification: April 27, 2001
Final version: May 13, 2001

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In the last few years, there is a considerable increase of interest in quantified boolean formulas (QBFs), i.e., propositional formulas with the additional possibility to quantify over propositional variables. Besides a growing number of investigations discussing theoretical issues concerning QBFs, the availability of several QBF-solvers stimulated also some practically motivated research. For instance, applications for solving planning problems or various nonmonotonic reasoning tasks based on encodings to QBFs have been proposed. Also, proof-theoretical investigations for some quantified non-classical logics have been performed, like, e.g., studying several kinds of quantified fuzzy logics.

The aim of this workshop is to bring together people who are interested in theoretical and practical aspects of quantified boolean formulas. Topics of interest include (but are not limited to)

- proof theory and calculi for QBFs;
- implementations of QBF solvers;
- benchmark generation and evaluation methodology;
- applications of QBFs, e.g., in knowledge representation, planning, formal verification, etc.;
- (boolean) quantification and non-classical logics.

Submission: Authors should send submissions of up to 10 pages in postscript format by e-mail to `qbf2001@kr.tuwien.ac.at`. The papers are required to be formatted according to the LNCS guidelines in A4 format. Deadline for paper submission is **March 24, 2001**. Informal proceedings will be available at the workshop and are provided by IJCAR.

Notification: Authors will be notified of acceptance or rejection of their submissions by **April 27, 2001**. The final camera-ready version of the paper must be received by **May 13, 2001**.

Participation: Participation will be by invitation only. All authors of accepted papers and PC members will be invited. Other researchers who are interested in participating should send an e-mail to `qbf2001@kr.tuwien.ac.at` by May 13, 2001. Note that all participants must register to IJCAR (see http://www.dii.unisi.it/~ijcar/).