CALL FOR PAPERS

RTA is the major forum for the presentation of research on all aspects of rewriting. Typical areas of interest include (but are not limited to):

- **Applications**: case studies; analysis of cryptographic protocols; rule-based (functional and logic) programming; symbolic and algebraic computation; theorem proving; system synthesis and verification; proof checking; reasoning about programming languages and logics; program transformation; XML queries and transformations
- **Foundations**: matching and unification; narrowing; completion techniques; strategies; rewriting calculi; constraint solving; tree automata; termination; complexity; combination;
- **Frameworks**: string, term, and graph rewriting; lambda-calculus and higher-order rewriting; constrained rewriting/deduction; categorical and infinitary rewriting; integration of decision procedures; net rewriting; binding techniques;
- **Implementation**: implementation techniques; parallel execution; rewrite tools; termination checking; abstract machines; explicit substitutions;
- **Semantics**: equational logic; rewriting logic; rewriting models of programs.

**Invited speakers**
Ashish Tiwari (SRI, USA)
Sophie Tison (U. Lille and LIFL, France)
Stephanie Weirich, U. Pennsylvania (common RDP speaker)

**Best Paper Award**: A prize of 500 Euro will be given to the best paper or papers as judged by the program committee.

**Submissions**: Submissions must be original and not submitted for publication elsewhere. Submissions must fall into one of the following categories (to be indicated in the title page): Regular Research Papers, Experience Papers, Problem Sets, and System Descriptions.

Submissions in the first three categories can be up to 15 proceedings pages long, System Descriptions up to 10 proceedings pages. RTA proceedings will be published by LIPIcs (Leibniz International Proceedings in Informatics). See [http://www.dagstuhl.de/en/publications/lipics](http://www.dagstuhl.de/en/publications/lipics)

Abstracts and papers must be submitted electronically through the EasyChair system at:
[http://www.easychair.org/conferences/?conf=rt2011](http://www.easychair.org/conferences/?conf=rt2011)