

RTA 2013: CALL FOR PAPERS

24th International Conference on REWRITING TECHNIQUES AND APPLICATIONS

June 24–26, 2013, Eindhoven, The Netherlands
co-located with TLCA 2013 as part of RDP 2013
<http://rta2013.few.vu.nl/index.html>

Invited Speakers

Jarkko Kari
Mitsu Okada
Simon Peyton-Jones
(joint with **TLCA**)

Programme Committee

Eduardo Bonelli
Byron Cook
Stephanie Delaune
Gilles Dowek
Maribel Fernández
Nao Hirokawa
Delia Kesner
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Johannes Waldmann
Hans Zantema

Programme Chair

Femke van Raamsdonk

Conference Chair

Hans Zantema

Steering Committee

Mauricio Ayala-Rincón
Frederic Blanqui
Salvador Lucas
Georg Moser (chair)
Masahiko Sakai
Sophie Tison

Topics

RTA is the major forum for the presentation of research on all aspects of rewriting. 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; SMT solving; theorem proving; system synthesis and verification; proof checking; reasoning about programming languages and logics; program transformation; XML queries and transformations; systems biology; homotopy theory; implicit computational complexity
- Foundations: equational logic; universal algebra; rewriting logic; rewriting models of programs; matching and unification; narrowing; completion techniques; strategies; rewriting calculi; constraint solving; tree automata; termination; complexity; modularity
- Frameworks: string, term, and graph rewriting; lambda-calculus and higher-order rewriting; constrained rewriting/deduction; categorical and infinitary rewriting; stochastic rewriting; net rewriting; binding techniques; Petri nets; higher-dimensional rewriting
- Implementation: implementation techniques; parallel execution; rewrite and completion tools; certification of rewriting properties; abstract machines; explicit substitutions; automated (non)termination and confluence provers; automated complexity analysis

Important Dates

abstract submission: **February 1, 2013** notification: April 4, 2013
paper submission: **February 5, 2013** final version: April 26, 2013
rebuttal period: March 18–21, 2013

The deadlines are strict.

Publication

The proceedings of RTA 2013 will be published by LIPIcs (Leibniz International Proceedings in Informatics). For more information about LIPIcs please consult <http://www.dagstuhl.de/en/publications/lipics>.

Submission Guidelines

We welcome original work on all aspects of rewriting. Please prepare your submission using pdf_latex and the LIPIcs style-files available via <http://drops.dagstuhl.de/styles/lipics/lipics-authors.tgz>, and submit electronically through the EasyChair system at <https://www.easychair.org/conferences/?conf=rta2013>. For further information please consult <http://rta2013.few.vu.nl>.