Call for Papers
17th International Conference on
Relational and Algebraic Methods in Computer Science
RAMiCS 2018
29 October – 2 November 2018, Groningen, The Netherlands
http://www.ramics-conference.org/

Important Dates
Abstract Submission: 16 April 2018
Paper Submission: 20 April 2018
Author Notification: 29 June 2018
Final Version: 27 July 2018

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Michael Winter Brock U., Canada

Invited Speakers
* Roland Backhouse (University of Nottingham)
* Manuel Bodirsky (TU Dresden)
* Philippa Gardner (Imperial College London)

Topics
We invite submissions in the general fields of algebras relevant
to computer science and applications of such algebras. Topics
include but are not limited to:

Theory
* algebras such as semigroups, residuated lattices, semirings,
  Kleene algebras, relation algebras and quantales;
* their connections with program logics and other logics;
* their use in the theories of automata, concurrency, formal lan-
  guages, games, networks and programming languages;
* the development of algebraic, algorithmic, category-theoretic,
  coalgebraic and proof-theoretic methods for these theories;
* their formalisation with theorem provers.

Applications
* tools and techniques for program correctness, specification
  and verification;
* quantitative and qualitative models and semantics of comput-
  ing systems and processes;
* algorithm design, automated reasoning, network protocol
  analysis, social choice, optimisation and control;
* industrial applications.

Submission Instructions
Submission is via EasyChair at
https://www.easychair.org/conferences/?conf=ramics17
All papers will be peer-reviewed by at least three referees. The
proceedings will be published in an LNCS volume by Springer,
ready at the conference. Submissions must not be published
or under review for publication elsewhere. Submissions must
be in English using a PDF not exceeding 16 pages in LNCS
style. Submissions must provide sufficient information to judge
their merits. Additional material may be provided in a clearly
marked appendix or by a reference to a manuscript on a web site.
Experimental data, software or mathematical components for
theorem provers must be available in sufficient detail for referees.
Deviation from these requirements may lead to rejection.

One author of each accepted paper is expected to present the
paper at the conference. Accepted papers must be produced
with \LaTeX. Formatting instructions and LNCS style files are
available at http://www.springer.de/comp/lncs/authors.html
As for earlier RAMiCS conferences, we intend to publish a jour-
nal special issue with revised and extended versions of a selection
of the best papers.