Final Call for Papers, with Deadline Extension
14th International Conference on
Relational and Algebraic Methods in Computer Science (RAMiCS 2014)
27 April – 1 May 2014, Marienstatt im Westerwald, Germany

http://mathcs.chapman.edu/ramics2014

Invited Speakers
C.A.R. Hoare
Microsoft Research Cambridge, UK

Alexander Kurz
U. Leicester, UK

José Nuno Oliveira
U. Minho, Portugal

Important Dates
Abstract Deadline: Nov. 1, 2013
Paper Submission Deadline: Nov. 9, 2013
Notification of Acceptance: Dec. 16, 2013
Camera-ready Papers Due: Jan. 17, 2014

Program Committee
Rudolf Berghammer
Kiel, Germany

Jules Desharnais
Laval U., Canada

Harrie de Swart
Rotterdam, Netherlands

Marc Frappier
Sherbrooke, Canada

Hitoshi Furusawa
Kagoshima, Japan

Timothy G. Griffin
Cambridge, UK

Walter Guttmann
Canterbury, New Zealand

Robin Hirsch
London, UK

Peter Höfinger
NICTA, Australia

Ali Jaoua
Doha, Qatar

Peter Jipsen
Chapman U., USA

Wolfram Kahih
McMaster U., Canada

Tadeusz Litak
Erlangen, Germany

Larissa Meinicke
U. Queensland, Australia

Szabolcs Mikulas
London, UK

Bernhard Möller
Augsburg, Germany

Martin E. Müller
St. Augustine, Germany

José Oliveira
U. Minho, Portugal

Ewa Orłowska
Warsaw, Poland

Matthew Parkinson
Microsoft Research, UK

Damien Pous
CNRS, France

Ingrid Rewitzky
Stellenbosch, South Africa

Holger Schlingloff
Berlin, Germany

Gunter Schmidt
Munich, Germany

Renate Schmidt
Manchester, UK

Georg Struth
Sheffield, UK

George Theodorakopoulos
Cardiff, UK

Michael Winter
Brock U., Canada

Steering Committee
Rudolf Berghammer
Kiel, Germany

Jules Desharnais
Laval U., Canada

Harrie de Swart
Rotterdam, Netherlands

Ali Jaoua
Doha, Qatar

Bernhard Möller
Augsburg, Germany

Ewa Orłowska
Warsaw, Poland

Gunter Schmidt
Munich, Germany

Renate Schmidt
Manchester, UK

Michael Winter
Brock U., Canada

Organising Committee
Peter Höfinger, NICTA, Australia — Publicity

Peter Jipsen, Chapman U., USA — PC Co-Chair

Wolfram Kahih, McMaster U., Canada — PC Co-Chair

Martin E. Müller, St. Augustine, Germany — Conference Chair, Local Organiser

Scope
We invite submissions in the general area of Relational and Algebraic Methods in Computer Science. Special focus will lie on formal methods for software engineering, logics of programs and links with neighbouring disciplines. Particular topics of interest for the conference cover, but are not limited to:

Algebraic approaches to
- specification, development, verification, and analysis of programs and algorithms
- computational logic, in particular logics of programs, modal and dynamic logics, interval and temporal logics
- semantics of programming languages

Applications in fields such as
- relational formal methods such as B or Z, tabular methods
- information systems
- graph theory and combinatorial optimisation
- games, automata and language theory
- spatio-temporal reasoning, knowledge acquisition
- preference and scaling methods, computational social choice, social software

Theoretical foundations and supporting tools, including
- mechanised and automated reasoning, decision procedures
- process algebras, fixed point calculi, idempotent semirings, quantailes, allegories
- dynamic algebraic, cylindrical algebras and their applications in computing

History
Since 1994, the ReLACS meetings on Relational Methods in Computer Science have been a main forum for researchers who use the calculus of relations and similar algebraic formalisms as methodological and conceptual tools. The AKA workshop series on Applications of Kleene algebra started with a Dagstuhl seminar in 2001 and was co-organised with the ReLACS conference until 2009. Since 2011, joint RAMiCS conferences continue to encompass the scope of both ReLACS and AKA.

As for the earlier conferences of this series, it is also intended to publish a selection of the best papers in revised and extended form in a special issue of the Journal of Logic and Algebraic Programming (JLAP).

Student Program
The conference will be accompanied by a PhD training program. Details will be published in due time in a special call and on the conference website.

Proceedings and Submission
All papers will be formally reviewed. The proceedings will be published in the Springer series Lecture Notes in Computer Science, ready at the conference. Submissions must be in English, in Postscript or PDF format, and provide sufficient information to judge their merits. They must be unpublished and not submitted for publication elsewhere. They should not exceed 16 pages in Springer LNCS style and must be produced with \LaTeX. Additional material may be provided by a clearly marked appendix or a reference to a manuscript on a website. This may be considered at the discretion of the PC. Deviation from these requirements may cause immediate rejection. One author of each accepted paper is expected to present the paper at the conference.

Submission is via EasyChair at https://www.easychair.org/conferences/?conf=ramics2014. Formatting instructions and the LNCS style files can be obtained via http://springer.de/comp/lncs/authors.html.