Call for Papers

HOR 2014
7th International Workshop on Higher-Order Rewriting

Affiliated with RTA & TLCA 2014, Vienna, Austria

Saturday, July 12, 2014

Important Dates

Paper submission: **Wednesday, April 30, 2014**
Notification: Monday, May 12, 2014
Final version: Thursday, May 29, 2014

Aims and Scope

HOR is a forum to present work concerning all aspects of higher-order rewriting. The aim is to provide an informal and friendly setting to discuss recent work and work in progress. The following is a non-exhaustive list of topics for the workshop:

Applications: proof checking, type checking, theorem proving, functional programming, declarative programming, program transformation, macro and template languages, other applications using some notion of higher-order rewriting.

Foundations: pattern matching, unification, strategies, termination, syntactic properties, type theory.

Frameworks: graph rewriting, net rewriting, comparisons of different formats.

Implementation: explicit substitution, rewriting tools, compilation techniques.

Semantics: semantics of higher-order rewrite systems, higher-order abstract syntax, categorical rewriting.

For questions contact hor2014@easychair.org.

Submissions

Submissions are solicited in two categories:

Category A: Extended abstracts of describing *new* results, work in progress, or problems, in higher-order rewriting.

Category B: Short versions of articles *recently published or submitted elsewhere* on higher-order rewriting, or the higher-order rewriting relevant parts of such. Papers in this category are not considered for the post-workshop proceedings.

Submissions in both categories should be between 2 and 5 pages, and should be marked with the category (either A or B). Submissions should be in PDF formatted according to the EPTCS LaTeX style, and submitted electronically via the EasyChair submission website. Papers will be judged on relevance, originality, correctness, and usefulness. (See **Links** section below for URLs to the above sites.)

Proceedings

The proceedings of HOR 2014 will be included on the FLoC electronic "USB proceedings." Post-workshop proceedings of full versions of selected category A contributions is planned to be published as a volume of EPTCS.

Program Committee

Beniamino Accattoli (Bologna University)
Cynthia Kop (University of Innsbruck)
Jian-Qi Li (Tsinghua University)
Kristoffer H. Rose (Two Sigma Investments, chair)
Jakob Grue Simonsen (University of Copenhagen)

Links

Home page: http://vsl2014.at/hor; Submissions: http://www.easychair.org/conferences/?conf=hor2014
HOR Series of Workshops: http://hor.pps.univ-paris-diderot.fr
Affiliated with RTA & TLCA 2014: http://vsl2014.at/rta-tlca
EPTCS (Electronic Proceedings in Theoretical Computer Science): http://eptcs.org
EPTCS LaTeX style: http://style.eptcs.org