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Logic Based Program Synthesis and Transformation

15th International Symposium, LOPSTR 2005
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Revised Selected Papers

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Volume Editor

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Preface

This volume contains a selection of papers presented at LOPSTR 2005, the 15th International Symposium on Logic-Based Program Synthesis and Transformation, held September 7–9, 2005.

The aim of the LOPSTR series is to stimulate and promote international research and collaboration on logic-based program development. Previous LOPSTR events have been held in Manchester, UK (1991, 1992, 1998), Louvain-la-Neuve, Belgium (1993), Pisa, Italy (1994), Arnhem, The Netherlands (1995), Stockholm, Sweden (1996), Leuven, Belgium (1997), Venice, Italy (1999), London, UK (2000), Paphos, Cyprus (2001), Madrid, Spain (2002), Uppsala, Sweden (2003), Verona, Italy (2004). Since 1994 the proceedings have been published in the LNCS series of Springer.

We would like to thank all those who submitted papers to LOPSTR. Overall, we received 33 submissions (full papers and extended abstracts). Each submission was reviewed by at least three people. The committee decided to accept 17 of these papers for presentation and for inclusion in the pre-conference proceedings. This volume contains a selection of revised full versions of ten of these papers. Thanks to all the authors of the accepted papers for the versions printed here and their presentations of these papers at LOPSTR 2005. We would like to thank François Fages for agreeing to give an invited talk and his contribution of a short paper included in these proceedings.

I am very grateful to the Program Committee as well as all the external reviewers for the reviewing of the submitted papers and invaluable help in the selection of these papers for presentation.

The submission, reviewing, electronic Program Committee meeting and preparation of the pre-conference proceedings and these proceedings were greatly simplified by the use of EasyChair (see http://www.easychair.org/). Special thanks are therefore due to Andrei Voronkov, who developed and supports this system.

LOPSTR 2005 was held concurrently with SAS 2005, the Symposium on Static Analysis in Imperial College, University of London. I would like to thank the SAS 2005 organizers, and, particularly, Chris Hankin, who took on all the hard work of the overall planning of the events.

LOPSTR 2005 was sponsored by ALP, the Association for Logic Programming.

December 2005 Patricia M. Hill

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Table of Contents

Temporal Logic Constraints in the Biochemical Abstract Machine BIOCHAM
François Fages 1

1. Tools for Program Development

Declarative Programming with Function Patterns
Sergio Antoy, Michael Hanus 6

Transformational Verification of Parameterized Protocols Using Array Formulas
Alberto Pettorossi, Maurizio Proietti, Valerio Senni 23

Design and Implementation of $\mathcal{A}_T$: A Real-Time Action Description Language
Luke Simon, Ajay Mallya, Gopal Gupta 44

2. Program Transformations

An Algorithm for Local Variable Elimination in Normal Logic Programs
Javier Álvez, Paqui Lucio 61

Removing Superfluous Versions in Polyvariant Specialization of Prolog Programs
Claudio Ochoa, Germán Puebla, Manuel Hermenegildo 80

Extension of Type-Based Approach to Generation of Stream-Processing Programs by Automatic Insertion of Buffering Primitives
Kohei Suenaga, Naoki Kobayashi, Akinori Yonezawa 98

Non-leftmost Unfolding in Partial Evaluation of Logic Programs with Impure Predicates
Elvira Albert, Germán Puebla, John P. Gallagher 115

3. Software Development and Program Analysis

A Transformational Semantics of Static Embedded Implications of Normal Logic Programs
Edelmira Pasarella, Fernando Orejas, Elvira Pino, Marisa Navarro 133

Converting One Type-Based Abstract Domain to Another
John P. Gallagher, Germán Puebla, Elvira Albert 147

Experiments in Context-Sensitive Analysis of Modular Programs
Jesús Correas, Germán Puebla, Manuel V. Hermenegildo, Francisco Bueno 163

Author Index 179