Preface


The aim of the LOPSTR series is to stimulate and promote international research and collaboration in logic-based program development. LOPSTR traditionally solicits contributions, in any language paradigm, in the areas of specification, synthesis, verification, analysis, optimization, specialization, security, certification, applications and tools, program/model manipulation, and transformational techniques. LOPSTR has a reputation for being a lively, friendly forum for presenting and discussing work in progress. Formal proceedings are produced only after the symposium so that authors can incorporate this feedback in the published papers.

I would like to thank all those who submitted contributions to LOPSTR in the categories of full papers and extended abstracts. In response to the call for papers, 26 contributions were submitted from 15 different countries. Each paper was reviewed by at least three Program Committee members or external referees. The Program Committee selected five full papers for immediate inclusion in the final proceedings, and eight papers were accepted after revision and another round of reviewing. In addition to the 13 contributed papers, this volume also includes contributions by two invited speakers: Olivier Danvy (University of Aarhus, Denmark) and Johann Schumann (RIACS/NASA Ames Research Center, USA).

I want to thank the Program Committee members, who worked diligently to produce high-quality reviews for the submitted papers, as well as all the external reviewers and the invited speakers, for devoting time and effort to help make this conference a success. I am very grateful to the LOPSTR 2010 Conference Chair, Temur Kutsia, and the local organizers of RISC Summer 2010 for the great job they did in preparing the conference. I also thank Andrei Voronkov for his excellent EasyChair system that automates many of the tasks involved in chairing a conference. Finally, I gratefully acknowledge the Research Institute for Symbolic Computation (RISC) of the Johannes Kepler University of Linz, which sponsored this event.

December 2010 Maríá Alpuente
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