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Franz Baader Andrei Voronkov (Eds.)

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Jaime G. Carbonell, Carnegie Mellon University, Pittsburgh, PA, USA
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Volume Editors

Franz Baader
TU Dresden
Theoretical Computer Science
01062 Dresden, Germany
E-mail: baader@tcs.inf.tu-dresden.de

Andrei Voronkov
University of Manchester
Department of Computer Science
Oxford Rd, Manchester M13 9PL, UK
E-mail: voronkov@cs.man.ac.uk

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Preface

This volume contains the papers presented at the 11th International Conference on Logic for Programming, Artificial Intelligence, and Reasoning (LPAR), held from March 14 to 18, 2005, in Montevideo, Uruguay, together with the 5th International Workshop on the Implementation of Logics (organized by Stephan Schulz and Boris Konev) and the Workshop on Analytic Proof Systems (organized by Matthias Baaz).

The call for papers attracted 77 paper submissions, each of which was reviewed by at least three expert reviewers. The final decisions on the papers were taken during an electronic Program Committee meeting held on the Internet. The Internet-based submission, reviewing, and discussion software EasyChair, provided by the second PC co-chair, supported each stage of the reviewing process. But the most important work was, of course, done by the 34 PC members and their external reviewers, who provided high-quality reviews. After intense discussions to resolve conflicts among the reviewers, the Program Committee decided to accept 33 papers.

The conference program also included 4 invited talks, by Jürgen Giesl, Alexander Leitsch, Helmut Seidl, and Igor Walukiewicz, which are documented by short or extended abstracts in these proceedings. In addition, Martín Abadi held a tutorial on Reasoning About Security Protocols, and Ian Horrocks on Description Logic Reasoning.

Apart from the authors, invited speakers, tutorialists, Program Committee members, and external reviewers, we would like to thank the other people and organizations that made this LPAR a success: the Local Arrangements Chair, Alberto Pardo, and all the other people involved in the local organization; the Chair for Automata Theory at TU Dresden, the Kurt Gödel Society, and the European Union (in the Information Society Technologies programme of the European Commission, Future and Emerging Technologies under the IST-2001-33123 CoLogNET project), which provided partial funding for our invited speakers; and the Centro Latinoamericano de Estudios en Informatica (CLEI), which provided scholarships for several Latin American participants of the conference.

January 2005

Franz Baader
Andrei Voronkov

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RCLP 1991, Leningrad, Soviet Union, aboard the ship “Michail Lomonosov”

LPAR 1992, St. Petersburg, Russia, aboard the ship “Michail Lomonosov”

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LPAR 1994, Kiev, Ukraine, aboard the ship “Marshal Koshevoi”

LPAR 1999, Tbilisi, Republic of Georgia

LPAR 2000, Réunion Island, France

LPAR 2001, Havana, Cuba

LPAR 2002, Tbilisi, Republic of Georgia

LPAR 2003, Almaty, Kazakhstan

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