

# Preface

This volume contains the papers presented at the Seventh International Conference on Logic for Programming and Automated Reasoning (LPAR 2000) held on Reunion Island, France, 6–10 November 2000, followed by the Reunion Workshop on Implementation of Logic.

Sixty-five papers were submitted to LPAR 2000 of which twenty-six papers were accepted. Submissions by the program committee members were not allowed. There was a special category of experimental papers intended to describe implementations of systems, to report experiments with implemented systems, or to compare implemented systems. Each of the submissions was reviewed by at least three program committee members and an electronic program committee meeting was held via the Internet.

In addition to the refereed papers, this volume contains full papers by two of the four invited speakers, Georg Gottlob and Michaël Rusinowitch, along with an extended abstract of Bruno Courcelle’s invited lecture and an abstract of Erich Grädel’s invited lecture.

We would like to thank the many people who have made LPAR 2000 possible. We are grateful to the following groups and individuals: the program and organizing committees; the additional referees; the local arrangements chair Teodor Knapik; Pascal Manoury, who was in charge of accommodation; Konstantin Korovin, who maintained the program committee Web page; and Bill McCune, who implemented the program committee management software.

September 2000

Michel Parigot  
Andrei Voronkov

# Conference Organization

## Program Chairs

Michel Parigot (University of Paris VII)

Andrei Voronkov (University of Manchester)

## Assistant to Program Chairs

Konstantin Korovin

## Program Committee

Stefano Berardi (Università di Torino)

Manfred Broy (Technische Universität München)

Maurice Bruynooghe (Catholic University of Leuven)

Hubert Comon (Ecole Normale Supérieure de Cachan)

Gilles Dowek (INRIA Rocquencourt)

Harald Ganzinger (Max-Planck Institut, Saarbrücken)

Mike Gordon (University of Cambridge)

Yuri Gurevich (Microsoft Research)

Pascal van Hentenryck (Brown University)

Neil Jones (DIKU University of Copenhagen)

Teodor Knapik (Université de la Réunion)

Yves Lafont (Université de la Méditerranée)

Daniel Leivant (Indiana University)

Maurizio Lenzerini (Università di Roma)

Giorgio Levi (Pisa University)

Leonid Libkin (Bell Laboratories)

Patrick Lincoln (SRI International)

David McAllester (AT&T Labs Research)

Robert Nieuwenhuis (Technical University of Catalonia)

Mitsuhiro Okada (Keio University)

Leszek Pacholski (University of Wroclaw)

Catuscia Palamidessi (Pennsylvania State University)

Frank Pfenning (Carnegie Mellon University)

Helmut Schwichtenberg (Ludwig-Maximilian Universität)

Jan Smith (Chalmers University)

Wolfgang Thomas (RWTH Aachen)

## Local Organization

Teodor Knapik (Université de la Réunion)

Pascal Manoury (University of Paris VI)

## List of Referees

Klaus Aehlig  
Ofer Arieli  
Philippe Audebaud  
Roberto Bagnara  
Mike Barnett  
Chantal Berline  
Michel Bidoit  
Thierry Boy de la Tour  
Max Breitling  
Francisco Bueno  
Diego Calvanese  
Felice Cardone  
Roberto di Cosmo  
Ferruccio Damiani  
Norman Danner  
Juergen Dix  
Norbert Eisinger  
Sandro Etalle  
Gianluigi Ferrari  
Michael Gelfond  
Paola Giannini  
Roberta Gori  
Jean Goubault-Larrecq  
Colin Hirsch  
Steffen Hölldobler  
Ullrich Hustadt  
Felix Joachimski  
Emanuel Kieronski  
Claude Kirchner  
Konstantin Korovin  
Ingolf Krüger  
Ugo de'Liguoro  
Denis Lugiez  
Ian Mackie  
Pascal Manoury

Wiktor Marek  
Dale Miller  
Marcin Mlotkowski  
Christophe Morvan  
Hans de Nivelte  
Damian Niwinski  
David von Oheimb  
Etienne Payet  
Olivier Ridoux  
Riccardo Rosati  
Dean Rosenzweig  
Francesca Rossi  
Albert Rubio  
Thomas Rudlof  
Paul Ruet  
Salvatore Ruggieri  
Pawel Rychlikowski  
Bernhard Schätz  
Philippe Schnoebelen  
Francesca Scozzari  
Jens Peter Secher  
Alexander Serebrenik  
Natarajan Shankar  
Katharina Spies  
Robert Staerk  
Ralf Steinbrüggen  
Karl Stroetmann  
Peter Stuckey  
David Toman  
Tomasz Truderung  
Moshe Vardi  
Margus Veanes  
Klaus Weich  
Emil Weydert  
Enea Zaffanella

## **Conferences preceding LPAR 2000**

RCLP'90, Irkutsk, Soviet Union, 1990

RCLP'91, Leningrad, Soviet Union, aboard the ship "Michail Lomonosov", 1991

LPAR'92, St. Petersburg, Russia, aboard the ship "Michail Lomonosov", 1992

LPAR'93, St. Petersburg, Russia, 1993

LPAR'94, Kiev, Ukraine, aboard the ship "Marshal Koshevoi", 1994

LPAR'99, Tbilisi, Republic of Georgia, 1999

Logic for Programming and Automated Reasoning  
7th International Conference, LPAR 2000 Reunion  
Island, France, November 6-10, 2000 Proceedings  
Parigot, M.; Voronkov, A. (Eds.)  
2000, XIV, 490 p., Softcover  
ISBN: 978-3-540-41285-4