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

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Andrei Voronkov (University of Manchester)

Assistant to Program Chairs

Konstantin Korovin

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Wolfgang Thomas (RWTH Aachen)

Local Organization

Teodor Knapik (Université de la Réunion)
Pascal Manoury (University of Paris VI)

List of Referees

Klaus Aehlig	Wiktor Marek
Ofer Arieli	Dale Miller
Philippe Audebaud	Marcin Mlotkowski
Roberto Bagnara	Christophe Morvan
Mike Barnett	Hans de Nivelle
Chantal Berline	Damian Niwinski
Michel Bidoit	David von Oheimb
Thierry Boy de la Tour	Etienne Payet
Max Breitling	Olivier Ridoux
Francisco Bueno	Riccardo Rosati
Diego Calvanese	Dean Rosenzweig
Felice Cardone	Francesca Rossi
Roberto di Cosmo	Albert Rubio
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Norman Danner	Paul Ruet
Juergen Dix	Salvatore Ruggieri
Norbert Eisinger	Pawel Rychlikowski
Sandro Etalle	Bernhard Schätz
Gianluigi Ferrari	Philippe Schnoebelen
Michael Gelfond	Francesca Scozzari
Paola Giannini	Jens Peter Secher
Roberta Gori	Alexander Serebrenik
Jean Goubault-Larrecq	Natarajan Shankar
Colin Hirsch	Katharina Spies
Steffen Hölldobler	Robert Staerk
Ullrich Hustadt	Ralf Steinbrüggen
Felix Joachimski	Karl Stroetmann
Emanuel Kieronski	Peter Stuckey
Claude Kirchner	David Toman
Konstantin Korovin	Tomasz Truderung
Ingolf Krüger	Moshe Vardi
Ugo de'Liguoro	Margus Veanes
Denis Lugiez	Klaus Weich
Ian Mackie	Emil Weydert
Pascal Manoury	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