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Preface

This volume contains the papers which have been accepted for presentation at the Fourth International Symposium on Programming Language Implementation and Logic Programming (PLILP'92) held in Leuven, Belgium, August 26–28, 1992. The Symposium was preceded by three meetings which took place in Orléans, France May 16–18, 1988, in Linköping, Sweden, August 20–22, 1990 and in Passau, Germany, August 26–28, 1991 (their proceedings were published by Springer-Verlag as Lecture Notes in Computer Science, volumes 348, 456, and 528 respectively).

The aim of the Symposium was to explore new declarative concepts, methods and techniques relevant for implementation of all kinds of programming languages, whether algorithmic or declarative. The intention was to gather researchers from the fields of algorithmic programming languages as well as logic, functional and object-oriented programming.

In response to the call for papers, 82 papers were submitted. The Program Committee met in Leuven on April 27 and selected 29 papers, chosen on the basis of their scientific quality and relevance to the Symposium. At the Symposium, two invited talks were given by Michael Hanus and Patrick Cousot. Several software systems were presented, showing new developments in the implementation of programming languages and logic programming.

This volume contains the two invited presentations, the selected papers and abstracts of the system demonstrations.

On behalf of the Program Committee the Program Chairmen would like to thank all those who submitted papers and the referees who helped to evaluate the papers.

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June 1992
Leuven
München

Maurice Bruynooghe
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