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Programming Language Implementation and Logic Programming

International Workshop PLILP '90
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Preface

This volume consists of the papers accepted for presentation at the Second International Workshop on Programming Language Implementation and Logic Programming (PLILP '90) held in Linköping, Sweden, August 20–22, 1990. Its predecessor was held in Orléans, France, May 16–18, 1988 and the proceedings of PLILP '88 were published by Springer-Verlag as Lecture Notes in Computer Science, Volume 348.

The aim of the workshop was to identify concepts and techniques used both in implementation of programming languages, regardless of the underlying programming paradigm, and in logic programming. The intention was to bring together researchers working in these fields. The papers accepted can be divided into two categories. The first of them presents certain ideas from the point of view of a particular class of programming languages, or even a particular language. The ideas presented seem to be applicable in other classes of languages and we hope that the discussions during the workshop contribute to clarification of this question. The second category addresses directly the problem of the integration of various programming paradigms.

The volume includes 26 papers selected from 96 contributions submitted in response to the Call for Papers. The contributions originated from 23 countries (Australia, Austria, Belgium, Bulgaria, Canada, P. R. of China, Denmark, Finland, France, FRG, India, Israel, Italy, Japan, Korea, Netherlands, Poland, Rumania, Sweden, Soviet Union, UK, USA and Yugoslavia). The selection was made by the Program Committee at its meeting in Linköping May 26 and 27, 1990. The choice was based on the reviews made by the Program Committee members and other reviewers selected by them. We are very grateful to all people involved in the reviewing process. They are listed on the following pages.

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Le Chesnay, Linköping
June 1990

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