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Programming Languages: Implementations, Logics and Programs

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Preface

This volume contains the papers accepted for presentation at the *Seventh International Symposium on Programming Languages: Implementations, Logics and Programs*, PLILP'95, held near Utrecht (The Netherlands), September 20–22, 1995. The symposium was preceded by six previous meetings in: Orléans, France (1988), Linköping, Sweden (1990), Passau, Germany (1991), Leuven, Belgium (1992), Tallinn, Estonia (1993) and Madrid, Spain (1994). All proceedings were published by Springer-Verlag as Lecture Notes in Computer Science, volumes 348, 456, 528, 631, 714 and 844 respectively.

The PLILP symposium aims at stimulating research on declarative programming languages, and seeks to disseminate insights in the relation between the logics of those languages, implementation techniques and the use of these languages in constructing real programs. Keeping the PLILP acronym it was decided for this edition to change the wording behind it in order to reflect the broadening of the scope of the symposium. It was felt that treating any one of these subjects in isolation often does too little justice to the other two aspects, and especially papers dealing with more than one of these subjects were invited.

On this occasion, PLILP was held concurrently with the *Fifth International Workshop on Logic Program Synthesis and Transformation*, LoPSTr'95, and the ESPRIT CompuLog Network Area Workshops for the areas of Program Development and Parallelism and Implementation Technologies.

In response to the call for papers, 84 papers were submitted, all electronically. The assignment of papers to program committee members was done based on preferences expressed by committee members after having seen a list of anonymous abstracts. Furthermore program committee members discussed, shortly before the program committee meeting took place, their comments on those papers on which there was a significant disagreement about the quality of the paper. The Program Committee met in Utrecht on May 13, 1995, and selected 23 papers, as well as eight posters and demos. In addition to the selected papers, the scientific program included also the three invited lectures, in common with LoPSTr, by Kim Marriott, Oege de Moor, and Mark Jones.

On behalf of the Program Committee, the Program Chairmen would like to thank all those who submitted papers, posters, and system demonstrations and all the referees for their careful work in the reviewing and selection process.

The support of the several funding agencies, listed in the volume, which have provided part of the funds for the organization of the conference is also gratefully acknowledged. Finally, we would like to express our gratitude to the members of the local Organizing Committees of PLILP'95 and LoPSTr'95 for the invaluable help and enthusiasm provided throughout the preparation and organization of the event and in the composition of the proceedings.

Utrecht   Doaitse Swierstra
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List of Referees

Many other referees helped the Program Committee in evaluating papers. Their assistance is gratefully acknowledged.

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