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Preface

This volume contains the papers presented at the Fifth International Conference on Logic Programming and Automated Reasoning (LPAR'94) held from July 16–22 aboard the "Marshal Koshevoi" on the Dnieper near Kiev, Ukraine. The LPAR conference is held annually in the former Soviet Union. It brings together researchers of the closely related fields of logic programming and automated reasoning, covering all subareas of those fields. Proceedings of previous conferences are available as Spinger-Verlag Lecture Notes in Artificial Intelligence volumes 592, 624, and 698.

Forty-seven papers from all continents were submitted, among which the program committee selected twenty-four for presentation at the conference. Each paper was reviewed by at least three referees. I would like to thank the members of the program committee and the additional referees for their excellent work in reviewing the submissions and ensuring a program of the highest quality. Besides the 24 contributed papers, the scientific program of LPAR'94 included 3 invited talks and 4 advanced tutorials. I would like to thank Manuel Hermenegildo, Michel Parigot, and Andrei Voronkov for their invited talks and Christine Paulin-Mohring, Hoon Hong, Kryzstof Apt & Roland Bol, and Michael Gelfond for their advanced tutorials.

Many people were involved in the organization of LPAR'94. First and foremost, I wish to thank Andrei Voronkov, the local arrangements chair, for his untiring efforts on behalf of the conference and also his personal financial support. Carnegie Mellon University has also contributed financially; other applications for sponsorship are pending at this time. I would also like to acknowledge the crucial help of Eugene Dantsin, Anatoli Degtyarev, Igor Romanenko, Konstantin Vershinin, and Alexander Zhezherun in organizing the conference.

Pittsburgh, Pennsylvania
April 1994

Frank Pfenning
Program Chair, LPAR'94

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