

Preface

A new millennium has started and new tools, heirs of three decades of research and development in the Logic Programming paradigm, are bringing new solutions to cope with the increasing complexity of today's computer systems. Computational logic in general and logic programming in particular will always play a key role in the understanding, formalizing, and development of complex software.

ICLP 2001 was the 17th International Conference on Logic Programming and continued a series of conferences initiated in Marseille, France, in 1982. This year ICLP was held in conjunction with CP 2001, the 7th International Conference on Principle and Practice of Constraint Programming. A coordinated program schedule and joint events were organized in order to maximize the interaction between these two neighboring communities. LOPSTR 2001, the 11th international workshop on Logic-based Program Synthesis and Transformation was also co-located with ICLP 2001 and CP 2001 this year, bringing together a larger community to share novel research results. Seven satellite workshops were also associated to the conference and took place on the day following the conference.

We received 64 papers, among which 23 were selected for presentation at the conference and inclusion in the conference proceedings. In addition to paper presentations, the conference program also included four invited talks and four tutorials. We chose this year to celebrate the founders of the logic programming field, namely Alain Colmerauer and Bob Kowalski, who are both celebrating their 60th birthday. The other two invited talks were given by Patrick Cousot, pioneer in the field of abstract interpretation, and Ashish Gupta, who presented his industrial experience on cross-enterprise databases at amazon.com and Tavant Technologies. The four tutorials were given by Eric Villemonte de la Clergerie, V.S. Subrahmanian, Kazunori Ueda, and Jan Wielemaker.

I would like to thank all the authors of the submitted papers, the Program Committee members, and the referees for their time and efforts spent in the reviewing process, the conference chair Tony Kakas and his team at the University of Cyprus for the excellent organization of the conference, and Toby Walsh, the CP 2001 program chair, for his constant cooperation and interaction. Last but not least, special thanks to Yoann Fabre at the University of Paris 6 for taking care of installing and maintaining the paper review system.

Organization

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