

Preface

Following the panel discussion at the International Conference on Logic Programming 2003 in Mumbai, India, the first international workshop on Teaching Logic Programming, TeachLP 2004, was held in Saint Malo, France, on 8–9 September 2004. The meeting ran as a workshop in conjunction with the 2004 International Conference on Logic Programming, held on September 6–10, 2004.

Logic Programming (LP) and Constraint Logic Programming (CLP) are powerful programming paradigms, but hard to learn without sufficient assistance. To further spread the technology it should be taught to a broader range of computer science students. The aim of the workshop was to investigate what is currently taught and how; what should be taught and why.

Suggested topics for submissions included:

- teaching on different aspects of (C)LP
 - fundamentals of logic programming,
 - software engineering techniques for Prolog,
 - debugging techniques for Prolog,
 - practical applications,
- teaching special aspects of (C)LP, such as control structures and meta predicates,
- teaching Prolog/(C)LP in a few hours for CS students,
- tools for teaching,
 - tools for teaching (C)LP,
 - using (C)LP technology for e-learning systems,
- relation to other fields and paradigms,
- applying (C)LP in other courses,
- (C)LP and the ACM curriculum,
- (C)LP for the masses or for experts.

We would like to thank all the authors who have submitted a paper, and all colleagues who have served as reviewers in the program committee for their contributions to the success of the workshop. Many thanks also to the organizers of

the International Conference on Logic Programming ICLP'2004 for the scheduling and the local arrangements. Finally, we acknowledge the support of Linköping University Electronic Press for publishing the workshop proceedings.

Saint Malo, September 2004
Mirelle Ducassé, Ulf Nilsson, Dietmar Seipel

Organizing committee

Mireille Ducassé (IRISA/INSA de Rennes, France)
Ulf Nilsson (Linköpings Univ., Linköping, Sweden)
Dietmar Seipel (Univ. Würzburg, Germany, PC chair)

Program committee

Christoph Beierle (Fern-Uni Hagen, Germany),
Manuel Carro (Technical Univ. of Madrid, Spain),
Mireille Ducassé (IRISA/INSA de Rennes, France),
Ulrich Geske (Fraunhofer First Berlin, Germany),
Gopal Gupta (Univ. of Texas at Dallas, USA),
Michael Hanus (CAU Kiel, Germany),
Ulrich Neumerkel (TU Vienna, Austria),
Ulf Nilsson (Linköpings Univ., Sweden),
Enrico Pontelli (NMSU, Las Cruces, USA),
Dietmar Seipel (Univ. Würzburg, Germany),
Kazunori Ueda (Waseda University, Tokyo, Japan).