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Practical Aspects of Declarative Languages

12th International Symposium, PADL 2010
Madrid, Spain, January 18-19, 2010
Proceedings

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Preface

This volume contains the proceedings of the 12th International Symposium on Practical Aspects of Declarative Languages, (PADL 2010), held in Madrid during January 18–19, 2010. As in previous years, PADL 2010 was collocated with POPL and other programming language-related events which, together, made up an exciting week full of cross-fertilization possibilities.

The PADL series of symposia, in particular, focuses on declarative languages and aims at highlighting how their theoretical foundations bring about a practical advantage when facing problems which arise from real-world applications. Functional, logic, and constraint-based languages have classically been considered in the declarative realm. This year they were of course represented in PADL, together with contributions from mathematical programming, non-monotonic reasoning, and reasoning agents, among others. Additionally, two invited speakers delivered talks on “Answer Set Programming in 2010: A Personal Perspective” (Enrico Pontelli) and “An Introduction to Maude and Some of Its Applications” (Narciso Martí-Oliet).

PADL 2010 accepted both full technical papers and shorter application papers. In both categories, 58 papers were finally submitted. This large number of submissions, compared with previous editions of PADL, also called for a larger number of accepted papers: 22 papers were accepted, 4 of them being application papers. This naturally implied an unexpected amount of work for the members of the Program Committee, who nonetheless did a remarkable job in shaping the final conference program, sometimes after long discussions. The Program Committee also voted to give the “Most Practical Paper” award to the paper “Skeleton Composition Using Remote Data”, by Mischa Dieterle, Thomas Horstmeyer, and Rita Loogen. We want to express our gratitude to the Program Committee members, as the conference would not have been possible without their dedicated work.

This gratitude must be extended to Gopal Gupta, who gave us precious advice in making the conference a successful event. We also want to thank ACM and the POPL organizers, the University of Texas at Dallas, the Universidad Politécnica de Madrid and the Universidad Complutense de Madrid for their support — and EasyChair for making the life of the Program Committee Chairs easier.

November 2009

Manuel Carro Liñares
Ricardo Peña Marí

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