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Practical Aspects of Declarative Languages

10th International Symposium, PADL 2008
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Proceedings

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Preface

The International Symposium on Practical Aspects of Declarative Languages (PADL) is a forum for researchers and practioners to present original work emphasizing novel applications and implementation techniques for all forms of declarative concepts, including functions, relations, logic, and constraints. Declarative languages build on sound theoretical foundations to provide attractive frameworks for application development. Existing languages have been successfully applied to a wide array of real-world situations, and new developments in theory and implementation have opened up new application areas. Conversely, applications have driven progress in the theory and implementation of declarative systems, as well as benefited from this progress.

The 10th PADL Symposium was held in San Francisco, California during January 7–8, 2008, and was co-located with the ACM Symposium on Principles of Programming Languages (POPL). From 44 submitted papers, the PADL Program Committee selected 20 for presentation at the symposium, based upon at least three reviews for each paper provided from PC members and additional referees. Two invited talks were also presented at the conference: one by John Launchbury entitled "Industrial Functional Programming" and the other by Walter Wilson entitled "Large-Scale Logic Servers in Business and Government."

Following what has become a tradition at PADL symposia, the PADL Program Committee selected one paper to receive the "Most Practical Paper" award. This year the paper judged best in terms of practicality, originality, and clarity was: "Certified Development Tools Implementation in Objective Caml," by Bruno Pagano, Olivier Andrieu, Benjamin Canou, Emmanuel Chailloux, Jean-Louis Colaco, Thomas Moniot, and Philippe Wang. Congratulations to these authors for this award.

We wish to thank the Program Committee for its expertise and hard work in selecting papers and invited talks, and General Chair Hai-Feng Guo for his excellent organizational and administrative efforts. Special thanks also to Gopal Gupta for his guidance and advice. We also wish to acknowledge the authors of the EasyChair on-line paper management software, which greatly facilitated the PC's efforts.

The 10th PADL Symposium was sponsored in part by COMPULOG Americas, and was organized in coordination with the Association for Computing Machinery. Thanks are also due to the University of Nebraska at Omaha for its support. Finally, we wish to thank the authors who submitted papers to PADL 2008 and all who participated in the conference.

November 2007

Paul Hudak
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