Lecture Notes in Computer Science 11285

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Josep Silva (Ed.)

Functional and Constraint Logic Programming

26th International Workshop, WFLP 2018
Frankfurt/Main, Germany, September 6, 2018
Revised Selected Papers

Springer

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Preface

This volume contains the proceedings of the 26th International Workshop on Functional and (Constraint) Logic Programming (WFLP 2018), held in Frankfurt am Main, Germany, September 6, 2018.

WFLP aims at bringing together researchers, students, and practitioners interested in functional programming, logic programming, and their integration. WFLP has a reputation for being a lively and friendly forum, and it is open for presenting and discussing work in progress, technical contributions, experience reports, experiments, reviews, and system descriptions.

WFLP 2018 put particular stress on the connections between theory and practice. This stress was reflected in the composition of the Program Committee (PC) and, ultimately, in the program of the workshop. The call for papers attracted 19 submissions, of which the PC, after careful and thorough discussions, accepted 12 for presentation at the workshop. After the workshop, there was a second independent review to publish the best papers in Springer's *Lecture Notes in Computer Science*. Each paper was reviewed by at least four PC members using a single-blind reviewing process. The PC selected ten papers for publication, those contained in this volume.

The accepted papers cover different programming areas of functional and logic programming, including code generation, verification, and debugging. The invited speaker was Laure Gonnord, who presented a talk about experiences in designing scalable static analyses. All the talks motivated interesting and live scientific discussions.

Putting together WFLP 2018 was a team effort. First of all, I would like to thank the authors of the submitted papers and the presenter of the invited talk. Without the PC we would have had no program either, and I am very grateful to the PC members for their hard work. Supporting the PC were a number of additional reviewers, and I would like to acknowledge their contribution. In general, the reviews were very detailed and helpful, and they produced constructive criticism.

I am greatly indebted to Michael Hanus for his help and advice with the organization, encouragement, and support throughout the process. The general chair, David Sabel, did a great job in the coordination and organization of the event. A special thanks to him and to the Computer Science Institute of the Goethe University Frankfurt am Main for hosting the event. Finally, I also want to acknowledge the cooperation of the other two co-events: the 20th International Symposium on Principles and Practice of Declarative Programming (PPDP 2018), whose chair was Peter Thiemann; and the 28th International Symposium on Logic-based Program Synthesis and Transformation (LOPSTR 2018), whose chairs were Fred Mesnard and Peter Stuckey.

February 2019   Josep Silva

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