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Applications of Declarative Programming and Knowledge Management

19th International Conference, INAP 2011
and 25th Workshop
on Logic Programming, WLP 2011
Vienna, Austria, September 28–30, 2011
Revised Selected Papers

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Preface

This volume consists of revised and selected papers presented at the 19th International Conference on Applications of Declarative Programming and Knowledge Management (INAP 2011) and the 25th Workshop on Logic Programming (WLP 2011), which were held at Hotel Castle Wilheminenberg, Vienna, Austria, during September 28–30, 2011.

INAP is a communicative and dense conference for intensive discussion of applications of important technologies around logic programming, constraint problem solving, and closely related computing paradigms. It comprehensively covers the impact of programmable logic solvers in the Internet society, its underlying technologies, and leading-edge applications in industry, commerce, government, and societal services.

The series of workshops on (constraint) logic programming brings together researchers interested in logic programming, constraint programming, and related areas such as databases and artificial intelligence. Previous workshops have been held in Germany, Austria, Switzerland, and Egypt, serving as the annual meeting of the Society of Logic Programming (GLP, Gesellschaft für Logische Programmierung e.V.).

Following the success of previous occasions, INAP and WLP were in 2011 again jointly organized in order to promote the cross-fertilization of ideas and experiences among researchers and students from the different communities interested in the foundations, applications, and combinations of high-level, declarative programming languages and related areas.

Both events received a total of 35 submissions from authors of 16 countries (Austria, Belgium, Canada, Czech Republic, Egypt, Finland, France, Germany, India, Italy, Japan, Lebanon, Portugal, Slovakia, Tunisia, and the USA). Each submission was assigned to three members of the PC for reviewing, and 27 submissions were accepted for presentation. Among these papers, 19 were selected for this proceedings volume by means of an additional review process. The program also included two invited talks, given by Stefan Szeider and Michael Fink (both from the Vienna University of Technology, Austria).

In concluding, I would like to thank all authors for their submissions and all members of the Program Committee, as well as all additional referees, for the time and effort spent on the careful reviewing of the papers. Furthermore, special thanks go to the members of the Organizing Committee, Johannes Oetsch, Jörg Pührer, and Eva Nedoma, who were indispensable in the realization of the event. Excelsior!

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