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Implementation and Application of Automata

14th International Conference, CIAA 2009
Sydney, Australia, July 14-17, 2009
Proceedings

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Preface

The 14th International Conference on Implementation and Application of Automata (CIAA 2009) was held in NICTA’s Neville Roach Laboratory at the University of New South Wales, Sydney, Australia during July 14–17, 2009.

This volume of Lecture Notes in Computer Science contains the papers that were presented at CIAA 2009, as well as abstracts of the posters and short papers that were presented at the conference. The volume also includes papers or extended abstracts of the three invited talks presented by Gonzalo Navarro on Implementation and Application of Automata in String Processing, by Christoph Koch on Applications of Automata in XML Processing, and by Helmut Seidl on Program Analysis Through Finite Tree Automata.

The 23 regular papers were selected from 42 submissions covering various fields in the application, implementation, and theory of automata and related structures. This year, six additional papers were selected as “short papers”; at the conference these were allocated the same presentation length as regular papers. Each paper was reviewed by at least three Program Committee members, with the assistance of external referees. Papers were submitted by authors from the following countries: Australia, Austria, Belgium, Brazil, Canada, China, Czech Republic, Finland, France, Germany, India, Italy, Republic of Korea, Japan, Latvia, The Netherlands, Portugal, Russian Federation, Spain, South Africa, Turkey, United Arab Emirates, and the USA.

I wish to thank all who made this conference possible: the authors for submitting their papers, the Program Committee members and external referees (listed on the next pages) for giving their valuable opinions and writing reports about the submitted papers, and the three invited speakers for giving presentations related to the implementation and application of automata. Finally, I would like to express my gratitude to the sponsors (listed on the next pages), local organizers, and to the editors of Lecture Notes in Computer Science, in particular to Alfred Hofmann, for their help in publishing this volume in a timely manner.

July 2009

Sebastian Maneth
CIAA 2009 was organized in cooperation with NICTA, Australia’s ICT Research Center of Excellence. It was held in NICTA’s Neville Roach Laboratory at the University of New South Wales, Sydney, Australia.

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