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Preface

The 8th International Conference on Implementation and Application of Automata (CIAA 2003) was held at the University of California, Santa Barbara, USA on July 16–18, 2003.

This volume of Lecture Notes in Computer Science contains the papers that were presented at CIAA 2003, as well as the abstracts of the poster papers that were displayed during the conference. The volume also includes the abstracts of two invited lectures presented by Thomas Henzinger and Juhani Karhumaki.

The 24 regular papers were selected from submissions covering various topics in the theory, implementation, and application of automata and related structures. Each submitted paper was reviewed by at least three program committee members, with the assistance of referees. The authors of the papers presented here come from the following countries: Brazil, Canada, Czech Republic, Finland, France, Germany, Ireland, Israel, Japan, The Netherlands, Poland, South Africa, Spain, Taiwan, and USA.

I wish to thank all who have made this meeting possible: the authors for submitting papers, the program committee members and external referees (listed in the proceedings) for their excellent work, and our two invited speakers. Finally, I wish to express my sincere appreciation to the sponsors, local organizers, proceedings chair, and the editors of the Lecture Notes in Computer Science series and Springer-Verlag, in particular Ms. Erika Siebert-Cole, for their help in publishing this volume.

July 2003

Oscar H. Ibarra

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