Proceedings of the

Journées Montoises d'Informatique Théorique
Mons' Days of Theoretical Computer Science

University of Mons-Hainaut, Belgium
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Edited by Véronique Bruyère

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EDITORIAL

This volume contains the texts of some communications presented at the *Journées Montoises d'Informatique Théorique* (*Mons' Days of Theoretical Computer Science*) that were held at the University of Mons-Hainaut (Belgium), March 2–4, 1998.

The following topics were covered during the Days: automata as acceptors of words, trees, relations on words, etc; algebraic properties of automata and languages; relation between automata and logic, decision problems, verification; automata and computer arithmetics; combinatorics on words, traces and morphic sequences, etc; algorithms on words; variable-length codes.

About seventy participants from Belgium, France, Germany, Italy, Poland and United States attended the Days. Five invited talk were given by Jean-Michel Muller (Lyon), Anca Muscholl (Stuttgart), Géraud Sénizergues (Bordeaux), Howard Straubing (Boston) and Igor Walukiewicz (Warsawa).

Previous Mons' Days of Theoretical Computer Science took place alternatively in Belgium and in France, since 1990 (Mons 1990, Rouen 1991, Mons 1992, Bordeaux 1993, Mons 1994, Marseille 1995).

I would like to thank all the individuals and organizations who cooperated with this event. In particular, I wish to thank Michèle Boffa, Lyane Bouchez, Christian Michaux, Pierre Dufour, Jacques Lion and Anne-Marie Struyf.

Véronique Bruyère
Mons, May 1999