

SPECIAL ISSUE DEDICATED TO THE FIFTEENTH “JOURNÉES MONTOISES D’INFORMATIQUE THÉORIQUE”

FOREWORD

This special issue of RAIRO Theoretical Informatics and Applications is dedicated to the fifteenth conference *Journées Montoises d’Informatique Théorique*. (Mons Theoretical Computer Science Days) which was held at the Loria (Nancy, France) in September 2014 from 23rd to 26th.

Previous editions of this conference took place in Mons (1990, 1992, 1994, 1998, 2008), Rouen (1991), Bordeaux (1993), Marseille (1995), Marne la Vallée (2000), Montpellier (2002), Liège (2004), Rennes (2006), Amiens (2010) and Louvain (2012). Around 90 participants from Belgium, Canada, Chile, Czech Republic, Finland, France, Italy, Latvia, Poland, Portugal, Russia, Tunisia, United Kingdom were attending the meeting.

Topics of the conference were related to several fields of theoretical computer science and discrete mathematics, as for instance: combinatorics and algorithmics on words, automata theory and formal languages theory, discrete dynamical systems, discrete geometry, and their links with other fields (number theory, modelchecking, logical aspects, theory of semigroups, game theory, tilings, ...). This special issue is constituted by 8 papers amongst 21 submitted papers that have all been refereed using high scientific standards by two independent referees each.

We would like to thank the invited speakers: Frédérique Bassinot, Emmanuel Jeandel, Juhani Karhumäki, Edita Pelantova, Xavier Provençal, Arseny Shur, Thomas Stoll but also all the participants, the members of the Program Committee, those of the Organization Committee and the anonymous referees who made possible this event. But also we do not forget our main sponsors: Loria, Inria, CNRS, Institut Élie Cartan de Lorraine, Agence Nationale de la Recherche, Fédération Charles Hermite and Région Lorraine.

We would also like to thank the Editors-in-Chief for accepting the publication of this special issue, the numerous anonymous referees and the ITA editorial staff for their help.

Damien Jamet