Non-Classical Models of Automata and Applications II

Preface

Many non-classical automata models are natural objects of theoretical computer science. They are studied from different points of view in various areas, both as theoretical concepts and as formal models for applications. A deeper and interdisciplinary coverage of this particular area may lead to new insights and substantial progress. The Second Workshop on *Non-Classical Models of Automata and Applications* (NCMA 2010) has been organized in order to bring together researchers working on different aspects of various variants of non-classical automata models to exchange and develop novel ideas.

The first Workshop on Non-Classical Models of Automata and Applications had taken place in Wrocław, Poland, organized as a satellite event of the International Symposium on Fundamentals of Computation Theory (FCT), on August 31st and September 1st , 2009. The Second Workshop on Non-Classical Models of Automata and Applications (NCMA 2010) took place in Jena, Germany, as a satellite event of the Eleventh International Conference on Membrane Computing (CMC 11), on August 23rd and 24th , 2010. The second workshop again was a scientifically valuable event with very interesting discussions, stimulating new investigations and scientific co-operations in the field of (non-classical) models of automata and applications.

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In addition to the invited contributions, papers were submitted by a total of 29 authors from 9 different countries. From these submissions, on the basis of three referee reports each, the Program Committee selected 11 papers. We thank the members of the Program Committee for their excellent work in making this selection:

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