PREFACE

Classical and non-classical models of automata and other formal systems, as for instance grammar-like structures, are widely studied as theoretical concepts and for their important applications. The series of workshops on Non-Classical Models of Automata and Applications (NCMA) was established from 2009 to provide an opportunity to researchers working on different aspects of this area to discuss the topics, to exchange and develop new ideas, and to present their recent results.

The Tenth Workshop in this series (NCMA 2018) was organized by the Košice branch of the Mathematical Institute of the Slovak Academy of Sciences on August 21–22, 2018.

The first workshop on Non-Classical Models of Automata and Applications, NCMA 2009, was held in Wrocław, Poland, and it was sponsored by the AutoMathA project of the European Science Foundation (ESF). This workshop, as well as NCMA 2010 in Jena, Germany, were satellite events of larger conferences. Since 2011, the NCMA workshops were organized as independent events, held in Milan, Italy (2011), Fribourg, Switzerland (2012), Umeå, Sweden (2013), Kassel, Germany (2014), Porto, Portugal (2015), Debrecen, Hungary (2016), and Prague, Czech Republic (2017).

A total of 14 papers were submitted to NCMA 2018 by 32 authors from 11 different countries. On the basis of three referees' reports each, except for two papers that received two reports, the Program Committee selected 11 contributions for presentation. We thank the members of the Program Committee for their excellent work in making this selection: Suna Bensch (University of Umeå, Sweden), Cezar Câmpeanu (University of Prince Edward Island, Canada), Erzsébet Csuhaj-Varjú (Eötvös Loránd University, Budapest, Hungary), Dora Giammarresi (University of Rome Tor Vergata, Italy), Mika Hirvensalo (University of Turku, Finland), Szabolcs Iván (University of Szeged, Hungary), Ian McQuillan (University of Saskatchewan, Canada), Nelma Moreira (University of Porto, Portugal), František Mráz (Charles University of Prague, Czech Republic), Alexander Okhotin (St. Petersburg State University, Russia), Meenakshi Paramasivan (University of Trier, Germany), Dana Pardubská (Comenius University in Bratislava, Slovakia), Bianca Truthe (University of Giessen, Germany), György Vaszil (University of Debrecen, Hungary), Mikhail Volkov (Ural Federal University, Russia), Matthias Wendlandt (University of Giessen, Germany).

In addition to the regular contributions, NCMA 2018 also featured two invited talks by Bruno Guillon (Università degli Studi di Milano, Italy) and José Sempere (Universitat Politècnica de València, Spain) and 5 short presentations to emphasize its workshop character.

April 2020 Co-chairs of the Workshop, Guest Editors

Michal Hospodár
Galina Jirásková
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