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Preface

The 34th International Symposium on Mathematical Foundations of Computer Science, MFCS 2009, was held in Nový Smokovec, High Tatras (Slovakia) during August 24–28, 2009. This volume contains 7 invited and 56 contributed papers presented at the symposium. The contributed papers were selected by the Program Committee out of a total of 148 submissions.

MFCS 2009 was organized by the Slovak Society for Computer Science and the Faculty of Mathematics, Physics and Informatics of the Comenius University in Bratislava. It was supported by the European Association for Theoretical Computer Science. We acknowledge with gratitude the support of all these institutions.

The series of MFCS symposia has a well-established tradition dating back to 1972. The aim is to encourage high-quality research in all branches of theoretical computer science, and to bring together researchers who do not usually meet at specialized conferences. The symposium is organized on a rotating basis in Poland, Czech Republic, and Slovakia. The previous meetings took place in Jabłonna 1972, Štrbské Pleso 1973, Jadwisin 1974, Mariánske Lázně 1975, Gdańsk 1976, Tatranská Lomnica 1977, Zakopane 1978, Olomouc 1979, Rydzyna 1980, Štrbské Pleso 1981, Prague 1984, Bratislava 1986, Karlovy Vary 1988, Porąbka-Kozubnik 1989, Banská Bystrica 1990, Kazimierz Dolny 1991, Prague 1992, Gdańsk 1993, Košice 1994, Prague 1995, Kraków 1996, Bratislava 1997, Brno 1998, Szklarska Poręba 1999, Bratislava 2000, Mariánske Lázně 2001, Warsaw 2002, Bratislava 2003, Prague 2004, Gdańsk 2005, Stará Lesná 2006, Český Krumlov 2007, Toruń 2008.

The 2009 meeting added a new page to this history, which was possible due to the effort of many people.

We would like to thank the invited speakers Albert Atserias, Didier Caucal, Javier Esparza, Thomas Henzinger, Muthu Muthukrishnan, Pavlos Spirakis, and Peter Widmayer, for presenting their work to the audience of MFCS 2009. The papers provided by the invited speakers appear at the front of this volume. We thank all authors who have submitted their papers for consideration. Many thanks go to the Program Committee, and to all external referees, for their hard work in evaluating the papers. The work of the PC was carried out using the EasyChair system, and we gratefully acknowledge this contribution.

Special thanks are due to the Organizing Committee led by Vanda Hamálková and Dana Pardubská.

June 2009

Rastislav Královič
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