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Preface

This volume collects the papers presented at the 11th International Conference on Database Theory, ICDT 2007, held during January 10–12, 2007, in Barcelona, Spain.

ICDT (http://alpha.luc.ac.be/∼lucp1080/icdt/) now has a long tradition of international conferences, providing a biennial scientific forum for the communication of high-quality and innovative research results on theoretical aspects of all forms of data management systems and database technology. The conference usually takes place in Europe, and previous conferences were held in Rome (1986), Bruges (1988), Paris (1990), Berlin (1992), Prague (1995), Delphi (1997), Jerusalem (1999), London (2001), Siena (2003) and Edinburgh (2005). ICDT has merged with the Symposium on Mathematical Fundamentals of Database Systems (MFDBS), initiated in Dresden in 1987, and continued in Visegrad in 1989 and Rostock in 1991.

This year ICDT received 111 paper submissions (after 138 titles and abstracts were first announced). Two of the papers were later withdrawn and one was rejected as it was 24 pages long (instead of 15). From the remaining 108 submissions, the ICDT Program Committee selected 25 papers for presentation at the conference. Most of these papers were "extended abstracts" and preliminary reports on work in progress. It is anticipated that most of these papers will appear in a more polished form in scientific journals. The proceedings also contain three invited papers by Jan Chomicki, Cynthia Dwork, and Laura Haas. The Best Newcomer Award, for the best submission written solely by authors who had never published in earlier ICDT proceedings, was given by the Program Committee to Piotr Wieczorek for his paper "Complexity of Typechecking XML Views of Relational Databases."

We would like to thank a number of people who made ICDT 2007 a successful event. First of all, the authors who submitted papers, the members of the Program Committee for their efforts in reviewing and selecting the papers, the external referees for their help, and, importantly, Andrei Voronkov for supplying his marvelous conference management system EasyChair. A great thanks is owed to Albert Atserias and his Organizing Committee for hosting the conference and for running the conference website. We are also deeply indebted to Wim Martens for preparing the proceedings. Last but not least, we are very grateful to the sponsors, Departament d'Universitats Recerca i Societat de la Informació de la Generalitat de Catalunya; Universitat Politècnica de Catalunya; and Grup de recerca ALBCOM.

January 2007 Thomas Schwentick and Dan Suciu

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