Preface

The 9th East-European Conference on Advances in Databases and Information Systems was held on September 12–15, 2005, in Tallinn, Estonia.

It was organized in a cooperation between the Institute of Cybernetics at Tallinn University of Technology, the Department of Computer Engineering of Tallinn University of Technology, and the Moscow chapter of ACM SIGMOD.

The main objective of the ADBIS series of conferences is to provide a forum for the dissemination of excellent research accomplishments and to promote interaction and collaboration between the Database and Information Systems research communities from Central and East European countries and the rest of the world. The ADBIS conferences provide an international platform for the presentation of research on database theory, the development of advanced DBMS technologies, and their advanced applications in particular in information systems.

The 2005 conference continued the ADBIS conferences held in St. Petersburg (1997), Poznan (1998), Maribor (1999), Prague (2000), Vilnius (2001), Bratislava (2002), Dresden (2003), and Budapest (2004). The conference consisted of regular sessions with technical contributions reviewed and selected by an international Program Committee, as well as of invited talks and tutorials given by leading scientists.

For the first time the ADBIS conferences had a satellite event, a workshop on data mining and knowledge discovery. The ADMKD 2005 workshop, with its own international Program Committee as well as proceedings, served as a forum to encourage researchers and practitioners to discuss and investigate data mining research and implementation issues, and to share experience in developing and deploying data mining systems.

The ADBIS series of conferences continues with growing interest as demonstrated by the large number of 144 submitted papers from 40 countries from all over the world. This volume contains one invited paper and 27 high-quality papers selected in a rigorous reviewing process by the international Program Committee with members from 27 countries. The papers cover a wide range of topics of database and information systems research, in particular, database theory, data modelling and query processing as well as database interoperability and XML databases.

As a tradition, the next 19 papers from the PC ranking were accepted in a be included to separate volume of research communications published by Tallinn University of Technology Press as a local volume of ADBIS 2005 proceedings, and published electronically in the CEUR Workshop Proceedings series: http://SunSITE.Informatik.RWTH-Aachen.DE/Publications/CEUR-WS/.

Many people and organizations contributed to the success of ADBIS 2005. Our thanks go to the authors and invited speakers for their outstanding con-
tribution to the conference and the proceedings. We very much acknowledge the Program Committee members for their reviewing and for accepting a heavy workload. Our thanks go also to the additional referees who carefully reviewed the submissions. Without the willingness and enthusiasm of many scientists sharing their expertise and voluntarily donating their time for thoroughly evaluating the merits of submitted work, this conference would not have been possible.

We wish to thank all the organizing team and our sponsors, who made the conference possible. Our special thanks go to Ms. Kristiina Kindel for maintaining the ADBIS 2005 Web site and Mr. Rein Löugas for the technical preparation of the manuscript of the conference proceedings.

Last but not least, we are grateful to Springer for supporting the publication of the ADBIS 2005 proceedings in their LNCS series.

September 2005

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