Preface

This volume continues the series of proceedings of the annual ADBIS conferences in the field of advances in databases and information systems.

ADBIS, founded by the Moscow ACM SIGMOD Chapter, was extended into a regular East-European conference in 1996 to establish a forum for promoting interaction and collaboration between the database research communities of Eastern and Central Europe and the rest of the world, and thus the ADBIS conferences provide an international platform for the presentation of research on database theory, development of advanced DBMS technologies, and their advanced applications.

The fact that this year eight of the countries that have representatives in the ADBIS Steering Committee became member countries of the European Union gives a new perspective on the role and mission of the ADBIS community.

Following Dresden (Germany, 2003), Bratislava (Slovakia, 2002), Vilnius (Lithuania, 2001), Prague (Czech Republic, as a joint ADBIS-DASFAA conference in 2000), Maribor (Slovenia, 1999), Poznan (Poland, 1998), and the starting place St. Petersburg (Russia, 1997), and preceding Tallin (Estonia, 2005), the next venue, the "tour of Eastern and Central Europe" of ADBIS conferences arrived at Budapest (Hungary, 2004).

The series of East-European Conferences on Advances in Databases and Information Systems continues, with a growing interest that is demonstrated in the number of submitted contributions. This year the international Program Committee had an intensive load in evaluating the 130 submitted papers.

As a tradition since 1998, the best 25–30 contributions were selected to be published in the Springer LNCS series. This year's volume contains 27 submitted papers and one invited paper.

In response to the high activity in paper submission and to fulfil the main objective of the ADBIS conferences, the organizers decided to give more room for presentation, and accepted from the PC ranking the next 25 papers for presentation. Thanks to the support from one of the organizing institutions, the Computer and Automation Research Institute of the Hungarian Academy of Sciences, these contributions will also be published, in a local volume of the proceedings in the series of publications of CARI.

Many individuals and institutions supported the organization of this conference and made this year's publication possible. Our special thanks go first to the authors and invited speaker for their outstanding and strenuous work and contributions. Also, the work of the Program Committee members who accepted the unexpectedly heavy load in reviewing a large number of contributions so that we were able to meet the deadline is gratefully acknowledged.

We received important financial support for the publication of the proceedings from the Faculty of Informatics of the Eötvös Loránd University.

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Finally, we should express our thanks to Springer for supporting the publication of the proceedings in their LNCS series.

We do hope that the papers included in the present publication serve as a useful tool for becoming more familiar with recent research results in the field of databases and information systems.

 $\mathrm{July}\ 2004$

András Benczúr János Demetrovics Georg Gottlob

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The 8th East-European Conference on Advances of Databases and Information Systems (ADBIS) was organized by the members of the Department of Information Systems of the Eötvös Loránd University, Budapest and of the Informatics Laboratory and Conference Department of the Computer and Automation Research Institute of the Hungarian Academy of Sciences, in cooperation with the Moscow ACM SIGMOD Chapter.

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