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Advances in Databases and Information Systems

13th East European Conference, ADBIS 2009
Riga, Latvia, September 7-10, 2009
Proceedings

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Preface

These proceedings contain 25 contributed papers presented at the 13th East-European Conference Advances on Databases and Information Systems (ADBIS 2009) held September 7-10, 2009, in Riga, Latvia. The Call for Papers attracted 93 submissions from 28 countries. In a rigorous reviewing process the international Program Committee of 64 members from 29 countries selected these 25 contributions for publication in this volume; in addition, there is the abstract of an invited talk by Matthias Brantner. Furthermore, 18 additional contributions were selected for short presentations and have been published in a separate volume of local proceedings by the organizing institution. Topically, the accepted papers cover a wide spectrum of database and information system topics ranging from query processing and optimization via query languages, design methods, data integration, indexing and caching to business processes, data mining, and application oriented topics like XML and data on the Web.

The ADBIS 2009 conference continued the series of ADBIS conferences organized every year in different countries of Eastern and Central Europe, beginning in St. Petersburg (Russia, 1997), Poznan (Poland, 1998), Maribor (Slovenia, 1999), Prague (Czech Republic, as a joint ADBIS-DASFAA conference, 2000), Vilnius (Lithuania, 2001), Bratislava (Slovakia, 2002), Dresden (Germany, 2003), Budapest (Hungary, 2004), Tallinn (Estonia, 2005), Thessaloniki (Greece, 2006), Varna (Bulgaria, 2007), and Pori (Finland, 2008). The conferences are initiated and supervised by an international Steering Committee, which consists of representatives from Armenia, Austria, Bulgaria, Czech Republic, Greece, Estonia, Germany, Hungary, Israel, Italy, Latvia, Lithuania, Poland, Russia, Serbia, Slovakia, Slovenia, and Ukraine, and is chaired by Professor Leonid Kalinichenko.

The ADBIS conferences have established an outstanding reputation as a scientific event of high quality, serving as an international forum for the presentation, discussion, and dissemination of research achievements in the field of databases and information systems. ADBIS 2009 aimed to promote interaction and collaboration between European research communities from all parts of Europe and the rest of the world. Additionally, ADBIS 2009 aimed to create conditions for experienced researchers to impart their knowledge and experience to the young researchers participating in the Doctoral Consortium organized in association with ADBIS 2009 conference.

We would like to express our thanks to everyone who have contributed to the success of ADBIS 2009. We thank the authors, who submitted papers to the conference, the Program Committee members and external reviewers for ensuring the quality of the scientific program, all members of the local organizing team in Riga (Latvia) for giving their time and expertise to ensure the success of the conference, and, finally, Alfred Hofmann of Springer for accepting these proceedings for the LNCS series. The Program Committee work relied on

EasyChair, which once again proved to be an exceptionally handy and convenient tool for this kind of work, so that we are also grateful to the people who created it and who maintain it. The Doctoral Consortium held during ADBIS 2009 was sponsored by the VLDB Endowment, which is gratefully acknowledged. Last but not least we thank the Steering Committee and, in particular, its Chair, Leonid Kalinichenko, for their help and guidance.

September 2009

Janis Grundspenkis
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