

## Foreword

The 2nd East European Symposium on Advances in Databases and Information Systems (ADBIS), organized in cooperation with the Association of Computing Machinery (ACM) and its Special Interest Group on Management of Data (SIGMOD), was held September 7–10, 1998, in Poznań, Poland. It continues and consolidates the series of ADBIS workshops, organized by the Moscow ACM SIGMOD Chapter, transformed into an annual, international Symposium, organized every year in different countries of Eastern Europe. The 1st East European Symposium on Advances in Databases and Information Systems was held in 1997 in St. Petersburg, Russia.

Database technology is at the heart of many mission-critical applications such as on-line transaction processing (banking, inventory systems, financial systems), on-line analytical processing (data warehousing, data mining), business workflow management, interoperable systems, or information systems on global networks. The aim of the symposium is to provide a forum for the presentation, discussion, and dissemination of new results, new concepts, tools, and techniques for database management and their use in information system management and development. We hope the 2nd East European Symposium on Advances in Databases and Information Systems also provides a forum that increases interaction and collaboration between research communities of Eastern Europe and the rest of the world in the area of databases and information systems.

These proceedings contain 25 contributed papers selected out of 90 submissions. These papers cover a wide spectrum of topics ranging from Web-related issues and data mining to core database technologies such as schema integration, database and information system design, optimization, storage, and version management. In addition to the research papers, the conference also includes two invited talks on data mining and on workflow management, and three industrial contributions. Moreover, the proceedings include six poster presentations given during a special session called “East meets West” whose aim is to bring together researchers from both East and West Europe to communicate their achievements and to promote cooperation between both communities. The conference is preceded by two tutorials on data integration and on managing multimedia information in a database environment.

We would like to express our sincere thanks to the people who have contributed to the success of ADBIS'98: the authors who submitted papers to the symposium, the program committee members for ensuring the quality of the scientific program, the industrial track chair, Witek Staniszkis, for organizing the industrial session, Tomasz Imieliński and C. Mohan, for giving the invited talks, Juliusz Jezierski, Krzysztof Jankiewicz, and Maciej Zakrzewicz for their software and help in organizing the program committee work. On the behalf of the chairs of ADBIS'98 we would like to express our special thanks to Piotr Krzyżagórski whose continuous and coordinative activity ensured the success

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June 1998

Witold Litwin  
Tadeusz Morzy  
Gottfried Vossen

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