

Preface

ADBIS 2001 continued the series of Eastern European Conferences on Advances in Databases and Information Systems. It took place in Vilnius, the capital of Lithuania.

The ADBIS series already has established some reputation as a scientific event of high quality serving as an internationally highly visible showcase for research achievements in the field of databases and information systems in the Eastern and Central European region as well as a forum for communication and exchange with and among researchers from this very area. The topics of the conference were related to the European Commission's initiative "eEurope – Information Society for All". They represent research areas that will greatly influence the functionality, usability, and acceptability of future information products and services. The conference sought to bring together all major players (experienced researchers, young researchers, representatives from industry), to discuss the state of the art and practical solutions, and to initiate promising future research. In order to ensure the active participation of representatives from industry the conference provided special industrial sessions.

The theme of ADBIS 2001 was set with invited talks given by renowned scientists covering important aspects of this wide field of research: Web access, processes and services in e-commerce, and content management.

The call for papers attracted 82 submissions from 30 countries. In a rigorous reviewing process the international program committee selected 25 papers for long presentation and inclusion in these proceedings. All these papers have been reviewed by at least three reviewers who evaluated their originality, significance, relevance, and presentation and found their quality suitable for international publication.

Topically, the accepted papers span a wide spectrum of the database and information systems field: from query optimization and transaction processing via design methods to application oriented topics like XML and data on the web.

Furthermore, the program featured two tutorials, presentations of short papers with challenging novel ideas at an early stage, experience reports, and industrial papers on the application of databases and information systems.

We would like to express our thanks and acknowledgement to all the people who contributed to ADBIS 2001:

- the authors, who submitted papers to the conference,
- the reviewers and the international program committee who made this conference possible by voluntarily giving of their time and expertise to ensure the quality of the scientific program
- the sponsors of ADBIS 2001 who supported the organization of the conference and permitted the participation in particular of young scientists from Eastern countries
- all the good spirits and helpful hands of the local organization committee

- Mr. Günter Millahn (Brandenburg University of Technology at Cottbus) for maintaining the conference server
- the Springer-Verlag for publishing these proceedings and Mr. Alfred Hofmann for the effective support in producing these proceedings
- and last but not least we thank the steering committee and, in particular, its chairman, Leonid Kalinichenko, for their advice and guidance.

Finally, we hope that all who contributed to this event see this volume as a reward and as representation of scientific spirit and technical progress communicating exciting ideas and achievements.

June 2001

Albertas Caplinskas and Johann Eder

Conference Organization

The ADBIS 2001 Conference on Advances in Databases and Information Systems was organized by the Vilnius Gediminas Technical University, the Institute of Mathematics and Informatics, Vilnius, and the Lithuanian Computer Society in cooperation with the ACM Sigmod Moscow Chapter and the Lithuanian Law University.

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