

Preface

Data Warehousing and Knowledge Discovery technology is emerging as a key technology for enterprises that wish to improve their data analysis, decision support activities, and the automatic extraction of knowledge from data.

The objective of the Third International Conference on Data Warehousing and Knowledge Discovery (DaWaK 2001) was to bring together researchers and practitioners to discuss research issues and experience in developing and deploying data warehousing and knowledge discovery systems, applications, and solutions.

The conference focused on the logical and physical design of data warehousing and knowledge discovery systems. The scope of the papers covered the most recent and relevant topics in the areas of association rules, mining temporal patterns, data mining techniques, collaborative filtering, Web mining, visualization, matchmaking, development and maintenance of data warehouses, OLAP, and distributed data warehouses. These proceedings contain the technical papers selected for presentation at the conference.

We received more than 90 papers from over 20 countries, and the program committee finally selected 34 papers. The conference program included one invited talk: “Knowledge Management in Heterogeneous Data Warehouse Environments” by Professor Larry Kerschberg, George Mason University, USA.

We would like to thank the DEXA 2001 Workshop General Chair (Professor Roland Wagner) and the organizing committee of the 12th International Conference on Database and Expert Systems Applications (DEXA 2001) for their support and their cooperation. Many thanks go to Ms Gabriela Wagner for providing a great deal of help and assistance as well as to Mr Bernd Lengauer for administrating the conference management software. We are very indebted to all program committee members and additional reviewers who have reviewed the papers very carefully and timely. We would also like to thank all the authors who submitted their papers to DaWaK 2001; they provided us with an excellent technical program.

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