Proceedings of the 5th International Workshop on
DESIGN AND MANAGEMENT OF DATA WAREHOUSES
(DMDW 2003)

in conjunction with the
29th International Conference on Very Large Databases, VLDB 2003

Hans-J. Lenz, Panos Vassiliadis, Manfred Jeusfeld, Martin Staudt
(Eds.)

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Foreword

This report contains the papers accepted for presentation at the 5th International Workshop on Design and Management of Data Warehouses (DMDW) held before VLDB’03 in Berlin, Germany September 8th, 2003.

Data Warehousing embraces technology and industrial practice to systematically integrate data from multiple distributed data sources and to use that data in annotated and aggregated form to support business decision-making and enterprise management. Although many database techniques have been revisited or newly developed in the context of data warehouses, such as view maintenance and OLAP, little attention has been paid to the design, management and high quality service of the management of a given enterprise. Little attention is also paid to aspects which are intrinsic to the functionality and usage of data warehouses, either in the back-stage (like data cleansing or data extraction and loading) or in the front-end (like similar and uncertain queries, or what-if analysis). The DMDW workshop is intended as a forum to fill this gap.

This year’s main theme for DMDW was “Business Intelligence for Data Warehouses: Functionality, Usability and Quality of Service”. In response to the call for papers, 21 papers were submitted. The Program Committee selected 10 papers based on their scientific contribution, novelty and relevance to the workshop. As in the past years, DMDW includes three papers on the topic of data warehouse design. A second area of interest for this year’s workshop includes novel technologies and best practices, clearly showing a movement of data warehousing research towards novel technological challenges, like for example, XML, grid computing and spatial data warehouses. Finally, following a tradition of keeping DMDW close to practitioner problems, three experience reports have also been accepted for this year’s workshop.

On behalf of the Program Committee we would like to thank all the authors of submitted papers and all the referees for their careful work. The support of Freien Universität Berlin, Oracle Deutschland GmbH and Sunsite Central Europe (CEUR) is also gratefully acknowledged. Finally, we would like to express our gratitude to the members of the Organizing Committee of VLDB’03 for their support in organizing this workshop.

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