Call for Papers
5th International Workshop on
DESIGN AND MANAGEMENT OF DATA WAREHOUSES
(DMDW'2003)
Monday, September 8, 2003
Berlin, Germany
in conjunction with VLDB 2003

The DMDW workshop is an international forum with a particular focus on the design, management and high quality service of the management of a given enterprise. Special 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 main theme of DMDW for this year is "Business Intelligence for Data Warehouses: Functionality, Usability and Quality of Service". We invite research papers covering all aspects of high quality data warehousing. Equally welcome are papers from the industry reporting on data warehouse toolkits and experiences from data warehouse implementation projects.

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WEB SITE
http://www.cs.uoi.gr/~dmdw03
and
http://sunsite.informatik.rwth-aachen.de/Societies/DMDW/

IMPORTANT DATES
***Submission of papers** : July 4, 2003*
***Notification of acceptance:** August 4, 2003*
***Camera Ready versions due:** August 18, 2003*
***Workshop date**: September 8, 2003*

Research Track

DW architecture and functionality
- Management of data quality and uncertainty, vagueness, imprecision
- Organization of meta-data management
- Query processing and optimization
- Storage and indexing methods for data warehouses and data marts
- Data Warehouse Operational Processes
- Extract-Transform-Load (ETL) and Data Cleaning tools and techniques
- Query Optimizing and Planning

DW Design
- Conceptual modeling for data warehouses
- Verification of design goals and information needs
- Design methods (logical design, physical organization, tuning) for data warehouses
- Data warehouse architectures
- Materialized view selection for data warehousing
- DW Usage & OLAP
- Online Analytical Processing (OLAP)
- Conceptual and logical modeling of multidimensional data
- Multidimensional query languages
- Non-standard querying (similar, vague queries, etc.)

Miscellaneous
- Data warehouse evolution
- Data warehouse security
- Data warehouses and the web
- Spatiotemporal aspects of data warehousing
- Business Intelligence and Knowledge Management (connecting data mining, knowledge discovery and data warehousing)

Experience Track
- Motivation for installing a data warehouse
- Integration of a data warehouse into an organization's business processes
- Supporting federations of data warehouses
- Experience with data warehouse software and tools
- Detection of useful/necessary functionalities lacking from commercial products
- Problems and challenges in data warehouse usage (e.g. data loading, data cleaning, data inconsistency, data maintenance, data quality, performance issues)
- User acceptance of data warehouses
- Impact of OLAP and data mining on business decisions
- Success stories / Failures of data warehouse installations
- Surveys of industrial applications, particularities and problems

ORGANIZATION COMMITTEE

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SUBMISSION INSTRUCTIONS

Research papers of up to a 5000 words (which works out to around 10 double spaced 12 point font single column pages) and experience papers of up to 2500 words (around 5 pages of double spaced 12 point font single column pages) should be submitted in electronic form (Standard Postscript or PDF) via Email to
dmdw03@cs.uoi.gr

by July 4, 2003. NO OTHER FORMS OR FORMATS OF SUBMISSION ARE ACCEPTABLE. Authors are solely responsible for making sure their submissions print/view properly. More information about the workshop is available at:
http://www.cs.uoi.gr/~dmdw03
or at
http://sunsite.informatik.rwth-aachen.de/Societies/DMDW/
For further questions, please contact either the program chairs or one of the organizing committee members (coordinates on the right).

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